



2015 TEACHER VALUE-ADDED DATA BY SUBJECTS

TENNESSEE STATE BOARD OF EDUCATION

TENNESSEE HIGHER EDUCATION COMMISSION

TENNESSEE DEPARTMENT OF EDUCATION



Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect of Beginning Teachers* to State Average for Apprentice Licensed Teachers

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Subject	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers	Number of Institutions
Algebra I	-0.6622 (-)	-1.9897	0.0493	104	10
Algebra II	-0.9646 (-)	-1.8545	0.0712	40	5
Biology I	0.6259 (+)	2.9356	0.0061	33	4
Chemistry	-0.5056	-1.4526	0.1669	16	2
EOC Composite	-0.6271 (-)	-3.3557	0.0008	538	25
English I	-0.1512	-0.7740	0.4408	98	11
English II	-0.3252	-1.6301	0.1072	77	9
English III	0.1026	0.6148	0.5413	55	7
Math	-0.2484 (-)	-1.9580	0.0505	970	28
Reading/Language	-0.2405 (-)	-3.7441	0.0002	1055	31
Science	-0.0658	-0.4277	0.6690	832	27
TCAP Composite	-0.823 (-)	-8.4607	0.0000	1849	32

Notes

- . indicates an institution had fewer than 5 teachers.
- indicates a statistically significant negative difference from the reference population.
- + indicates a statistically significant positive relationship from the reference population.

Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: Algebra I (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	-1.9279	-1.5176	0.1293	6
Belmont University	.	.	.	1
Bethel University	.	.	.	1
Bryan College	.	.	.	1
Carson-Newman University	0.4940	0.3550	0.7227	5
Christian Brothers University	.	.	.	1
Cumberland University	.	.	.	3
East Tennessee State University	-0.7415	-0.8255	0.4092	12
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	4
Johnson University	.	.	.	0
King University	.	.	.	0
Lee University	.	.	.	3
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	2
Lipscomb University	-1.2208	-1.1097	0.2673	8
Martin Methodist College	.	.	.	0
Maryville College	.	.	.	2
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	1
Middle Tennessee State University	-0.9141	-0.9289	0.3531	10
Milligan College	.	.	.	2
South College	.	.	.	0
Southern Adventist University	.	.	.	1
Teach for America – Memphis	.	.	.	0
Teach for America – Nashville	.	.	.	0
Teach Tennessee	.	.	.	0
Tennessee State University	.	.	.	1
Tennessee Technological University	-1.4808 (-)	-1.6485	0.0995	12
Tennessee Wesleyan College	0.5853	0.4607	0.6451	6
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	0

Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: Algebra I (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Trevecca Nazarene University	.	.	.	1
Tusculum College	.	.	.	2
Union University	.	.	.	1
University of Memphis	.	.	.	3
University of Tennessee - Chattanooga	.	.	.	4
University of Tennessee - Knoxville	-0.0142	-0.0233	0.9814	26
University of Tennessee - Martin	-0.0760	-0.0646	0.9485	7
Vanderbilt University	-1.3256	-1.4757	0.1403	12
Victory University	.	.	.	0
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	2

Notes

- . indicates an institution had fewer than 5 teachers
- indicates a statistically significant negative difference from the state distribution.
- + indicates a statistically significant positive relationship from the state distribution

Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: Algebra II (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	.	.	.	1
Belmont University	.	.	.	2
Bethel University	.	.	.	1
Bryan College	.	.	.	0
Carson-Newman University	.	.	.	2
Christian Brothers University	.	.	.	1
Cumberland University	.	.	.	0
East Tennessee State University	.	.	.	3
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	1
Johnson University	.	.	.	0
King University	.	.	.	0
Lee University	.	.	.	1
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	2
Lipscomb University	.	.	.	1
Martin Methodist College	.	.	.	0
Maryville College	.	.	.	0
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	2
Middle Tennessee State University	0.2302	0.1712	0.8641	9
Milligan College	.	.	.	0
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	.	.	.	0
Teach for America – Nashville	.	.	.	0
Teach Tennessee	.	.	.	0
Tennessee State University	.	.	.	0
Tennessee Technological University	-2.2199	-1.2306	0.2188	5
Tennessee Wesleyan College	.	.	.	3
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	0
Trevecca Nazarene University	.	.	.	0
Tusculum College	.	.	.	2

Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: Algebra II (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Union University	.	.	.	3
University of Memphis	.	.	.	4
University of Tennessee - Chattanooga	0.4844	0.3602	0.7188	9
University of Tennessee - Knoxville	-1.3073	-1.0248	0.3057	10
University of Tennessee - Martin	.	.	.	2
Vanderbilt University	-2.0102	-1.3185	0.1877	7
Victory University	.	.	.	0
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	0

Notes

- . indicates an institution had fewer than 5 teachers
- indicates a statistically significant negative difference from the state distribution.
- + indicates a statistically significant positive relationship from the state distribution

Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: Biology I (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	1.5488 (+)	2.2291	0.0261	6
Belmont University	.	.	.	2
Bethel University	.	.	.	2
Bryan College	.	.	.	1
Carson-Newman University	.	.	.	4
Christian Brothers University	.	.	.	0
Cumberland University	.	.	.	1
East Tennessee State University	1.3254 (+)	2.0605	0.0396	7
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	1
Johnson University	.	.	.	0
King University	.	.	.	1
Lee University	.	.	.	0
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	2
Lipscomb University	.	.	.	1
Martin Methodist College	.	.	.	1
Maryville College	.	.	.	1
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	2
Middle Tennessee State University	-0.1935	-0.3216	0.7478	8
Milligan College	.	.	.	0
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	.	.	.	0
Teach for America – Nashville	.	.	.	0
Teach Tennessee	.	.	.	0
Tennessee State University	.	.	.	1
Tennessee Technological University	-0.1772	-0.3606	0.7185	12
Tennessee Wesleyan College	.	.	.	1
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	0
Trevecca Nazarene University	.	.	.	2
Tusculum College	.	.	.	0

Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: Biology I (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Union University	.	.	.	3
University of Memphis	.	.	.	1
University of Tennessee - Chattanooga	.	.	.	2
University of Tennessee - Knoxville	.	.	.	4
University of Tennessee - Martin	.	.	.	3
Vanderbilt University	.	.	.	0
Victory University	.	.	.	0
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	1

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Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: Chemistry (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	.	.	.	1
Belmont University	.	.	.	1
Bethel University	.	.	.	0
Bryan College	.	.	.	0
Carson-Newman University	.	.	.	3
Christian Brothers University	.	.	.	0
Cumberland University	.	.	.	1
East Tennessee State University	.	.	.	2
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	2
Johnson University	.	.	.	0
King University	.	.	.	2
Lee University	.	.	.	1
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	1
Lipscomb University	.	.	.	0
Martin Methodist College	.	.	.	1
Maryville College	.	.	.	0
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	0
Middle Tennessee State University	.	.	.	4
Milligan College	.	.	.	2
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	.	.	.	0
Teach for America – Nashville	.	.	.	0
Teach Tennessee	.	.	.	0
Tennessee State University	.	.	.	0
Tennessee Technological University	-1.1009	-1.1183	0.2639	8
Tennessee Wesleyan College	.	.	.	1
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	0
Trevecca Nazarene University	.	.	.	0
Tusculum College	.	.	.	0

Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: Chemistry (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Union University	.	.	.	2
University of Memphis	.	.	.	3
University of Tennessee - Chattanooga	.	.	.	4
University of Tennessee - Knoxville	0.0897	0.0911	0.9274	8
University of Tennessee - Martin	.	.	.	4
Vanderbilt University	.	.	.	2
Victory University	.	.	.	0
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	0

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Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: EOC Composite (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	1
Austin Peay State University	0.1089	0.1914	0.8482	28
Belmont University	-1.6738 (-)	-1.6681	0.0954	9
Bethel University	-0.3079	-0.2287	0.8191	5
Bryan College	.	.	.	4
Carson-Newman University	-1.2120 (-)	-1.8006	0.0718	20
Christian Brothers University	.	.	.	3
Cumberland University	-1.3673	-1.2847	0.1989	8
East Tennessee State University	-0.2394	-0.5275	0.5978	44
Fisk University	.	.	.	0
Freed-Hardeman University	-1.3116	-1.3071	0.1912	9
Johnson University	.	.	.	2
King University	-1.1621	-1.0214	0.3071	7
Lee University	-1.2765	-1.4689	0.1419	12
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	-2.0752 (-)	-2.4856	0.0130	13
Lipscomb University	-0.7427	-0.9859	0.3242	16
Martin Methodist College	-1.3366	-1.0876	0.2768	6
Maryville College	1.3527	1.1007	0.2711	6
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	1.8826 (+)	1.9777	0.0480	10
Middle Tennessee State University	-0.6115	-1.5337	0.1252	57
Milligan College	-1.2189	-1.2804	0.2004	10
South College	.	.	.	0
Southern Adventist University	.	.	.	1
Teach for America – Memphis	.	.	.	0
Teach for America – Nashville	.	.	.	0
Teach Tennessee	.	.	.	0
Tennessee State University	.	.	.	4
Tennessee Technological University	-0.8259 (-)	-2.0161	0.0438	54
Tennessee Wesleyan College	0.5184	0.7306	0.4650	18
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	0
Trevecca Nazarene University	-1.0182	-1.1218	0.2620	11
Tusculum College	.	.	.	4

Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: EOC Composite (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Union University	1.0584	1.4051	0.1601	16
University of Memphis	-0.0607	-0.0781	0.9378	15
University of Tennessee - Chattanooga	-1.2892 (-)	-2.4972	0.0125	34
University of Tennessee - Knoxville	0.0305	0.0865	0.9311	73
University of Tennessee - Martin	-0.3801	-0.7470	0.4551	35
Vanderbilt University	-1.1456 (-)	-2.1529	0.0314	32
Victory University	.	.	.	0
Welch College	.	.	.	2
Western Governors University Tennessee	.	.	.	3

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Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: English I (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	1
Austin Peay State University	0.3929	0.6032	0.5465	6
Belmont University	.	.	.	0
Bethel University	.	.	.	0
Bryan College	.	.	.	2
Carson-Newman University	.	.	.	2
Christian Brothers University	.	.	.	0
Cumberland University	.	.	.	3
East Tennessee State University	-0.5163	-1.1210	0.2626	12
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	2
Johnson University	.	.	.	2
King University	.	.	.	2
Lee University	-0.0523	-0.0733	0.9416	5
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	2
Lipscomb University	.	.	.	4
Martin Methodist College	.	.	.	2
Maryville College	.	.	.	1
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	2
Middle Tennessee State University	0.1094	0.2827	0.7775	17
Milligan College	.	.	.	1
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	.	.	.	0
Teach for America – Nashville	.	.	.	0
Teach Tennessee	.	.	.	0
Tennessee State University	.	.	.	1
Tennessee Technological University	-0.1081	-0.2143	0.8304	10
Tennessee Wesleyan College	0.7721	1.0822	0.2794	5
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	0
Trevecca Nazarene University	-1.1085	-1.5536	0.1206	5
Tusculum College	.	.	.	0

Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: English I (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Union University	.	.	.	3
University of Memphis	.	.	.	3
University of Tennessee - Chattanooga	-1.1297 (-)	-1.8736	0.0613	7
University of Tennessee - Knoxville	0.1233	0.2994	0.7647	15
University of Tennessee - Martin	-0.2640	-0.4681	0.6398	8
Vanderbilt University	0.1185	0.2101	0.8336	8
Victory University	.	.	.	0
Welch College	.	.	.	1
Western Governors University Tennessee	.	.	.	0

Notes

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Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: English II (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	0.8153	1.3452	0.1789	7
Belmont University	.	.	.	3
Bethel University	.	.	.	1
Bryan College	.	.	.	0
Carson-Newman University	.	.	.	4
Christian Brothers University	.	.	.	1
Cumberland University	.	.	.	1
East Tennessee State University	-0.1284	-0.2403	0.8102	9
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	1
Johnson University	.	.	.	0
King University	.	.	.	3
Lee University	.	.	.	3
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	4
Lipscomb University	-0.1593	-0.2222	0.8242	5
Martin Methodist College	.	.	.	4
Maryville College	.	.	.	1
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	2
Middle Tennessee State University	-1.0826 (-)	-1.7863	0.0744	7
Milligan College	.	.	.	4
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	.	.	.	0
Teach for America – Nashville	.	.	.	0
Teach Tennessee	.	.	.	0
Tennessee State University	.	.	.	1
Tennessee Technological University	0.0402	0.0709	0.9435	8
Tennessee Wesleyan College	-0.2209	-0.3080	0.7581	5
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	0
Trevecca Nazarene University	.	.	.	3
Tusculum College	.	.	.	1

Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: English II (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Union University	.	.	.	3
University of Memphis	.	.	.	0
University of Tennessee - Chattanooga	-2.1070 (-)	-3.9420	0.0001	9
University of Tennessee - Knoxville	-0.2730	-0.7019	0.4829	17
University of Tennessee - Martin	0.1891	0.3729	0.7093	10
Vanderbilt University	.	.	.	2
Victory University	.	.	.	0
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	0

Notes

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- + indicates a statistically significant positive relationship from the state distribution

Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: English III (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	0.9580 (+)	1.9809	0.0479	7
Belmont University	.	.	.	0
Bethel University	.	.	.	1
Bryan College	.	.	.	1
Carson-Newman University	.	.	.	3
Christian Brothers University	.	.	.	0
Cumberland University	.	.	.	0
East Tennessee State University	-0.1400	-0.3094	0.7571	8
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	0
Johnson University	.	.	.	0
King University	.	.	.	0
Lee University	.	.	.	2
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	2
Lipscomb University	.	.	.	2
Martin Methodist College	.	.	.	1
Maryville College	.	.	.	2
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	1
Middle Tennessee State University	-0.1137	-0.2948	0.7682	11
Milligan College	.	.	.	2
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	.	.	.	0
Teach for America – Nashville	.	.	.	0
Teach Tennessee	.	.	.	0
Tennessee State University	.	.	.	0
Tennessee Technological University	0.0448	0.0858	0.9316	6
Tennessee Wesleyan College	.	.	.	1
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	0
Trevecca Nazarene University	.	.	.	3
Tusculum College	.	.	.	0

Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: English III (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Union University	.	.	.	2
University of Memphis	.	.	.	3
University of Tennessee - Chattanooga	-0.5217	-0.9987	0.3182	6
University of Tennessee - Knoxville	0.0081	0.0200	0.9841	10
University of Tennessee - Martin	0.4824	0.9974	0.3189	7
Vanderbilt University	.	.	.	4
Victory University	.	.	.	0
Welch College	.	.	.	1
Western Governors University Tennessee	.	.	.	0

Notes

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- + indicates a statistically significant positive relationship from the state distribution

Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: Math (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	-0.8519 (-)	-1.7877	0.0739	39
Belmont University	0.8116	0.9448	0.3448	12
Bethel University	0.0919	0.0757	0.9397	6
Bryan College	.	.	.	4
Carson-Newman University	0.0866	0.1365	0.8914	22
Christian Brothers University	-0.1158	-0.1101	0.9124	8
Cumberland University	1.9171 (+)	1.7043	0.0884	7
East Tennessee State University	-0.8043 (-)	-1.8725	0.0612	48
Fisk University	.	.	.	0
Freed-Hardeman University	-0.1957	-0.2789	0.7803	18
Johnson University	-0.7681	-0.7743	0.4388	9
King University	.	.	.	4
Lee University	0.0801	0.1724	0.8631	41
Lemoyne-Owen College	.	.	.	4
Lincoln Memorial University	-0.9772 (-)	-1.8864	0.0593	33
Lipscomb University	-0.5541	-1.0657	0.2866	33
Martin Methodist College	.	.	.	3
Maryville College	-1.9278	-1.4485	0.1475	5
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	2.1540 (+)	2.4005	0.0164	11
Middle Tennessee State University	-0.3442	-1.3137	0.1890	129
Milligan College	-1.2227	-1.2326	0.2178	9
South College	-0.7288	-0.8830	0.3773	13
Southern Adventist University	.	.	.	0
Teach for America – Memphis	.	.	.	0
Teach for America – Nashville	.	.	.	0
Teach Tennessee	.	.	.	0
Tennessee State University	0.6858	1.2195	0.2227	28
Tennessee Technological University	-0.6871 (-)	-2.9479	0.0032	163
Tennessee Wesleyan College	0.4675	0.5878	0.5567	14
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	0
Trevecca Nazarene University	-0.7707	-1.3205	0.1867	26
Tusculum College	-1.0548 (-)	-2.4299	0.0151	47

Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: Math (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Union University	0.2104	0.3659	0.7144	27
University of Memphis	-0.3331	-0.9948	0.3199	79
University of Tennessee - Chattanooga	0.1249	0.2056	0.8371	24
University of Tennessee - Knoxville	-0.5621	-1.4259	0.1539	57
University of Tennessee - Martin	-0.9837 (-)	-2.6027	0.0093	62
Vanderbilt University	0.6336	0.7062	0.4801	11
Victory University	.	.	.	2
Welch College	.	.	.	2
Western Governors University Tennessee	.	.	.	4

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Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: Reading/Language (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	-0.5980 (-)	-2.5612	0.0104	37
Belmont University	0.6344	1.4815	0.1385	11
Bethel University	-0.3948	-0.8340	0.4043	9
Bryan College	-1.3454 (-)	-2.3205	0.0203	6
Carson-Newman University	-0.4166	-1.0576	0.2903	13
Christian Brothers University	-0.0262	-0.0489	0.9610	7
Cumberland University	0.3110	0.8193	0.4127	14
East Tennessee State University	-0.1541	-0.8750	0.3816	65
Fisk University	.	.	.	0
Freed-Hardeman University	-0.1236	-0.3792	0.7045	19
Johnson University	-0.2002	-0.3987	0.6901	8
King University	-0.2051	-0.3822	0.7023	7
Lee University	-0.2761	-1.3609	0.1736	49
Lemoyne-Owen College	.	.	.	1
Lincoln Memorial University	-0.0098	-0.0414	0.9669	36
Lipscomb University	-0.3900	-1.2860	0.1985	22
Martin Methodist College	.	.	.	3
Maryville College	-0.5052	-0.7954	0.4264	5
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	0.3012	0.8214	0.4114	15
Middle Tennessee State University	-0.2605 (-)	-2.1552	0.0312	138
Milligan College	-1.3344 (-)	-2.3016	0.0214	6
South College	0.1137	0.2656	0.7906	11
Southern Adventist University	.	.	.	0
Teach for America – Memphis	.	.	.	0
Teach for America – Nashville	.	.	.	0
Teach Tennessee	.	.	.	0
Tennessee State University	-0.1657	-0.6495	0.5160	31
Tennessee Technological University	-0.2389 (-)	-2.0941	0.0363	155
Tennessee Wesleyan College	-0.1672	-0.4405	0.6596	14
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	0
Trevecca Nazarene University	-0.0841	-0.4145	0.6785	49
Tusculum College	-0.0514	-0.2584	0.7961	51

Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: Reading/Language (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Union University	-0.1811	-0.6492	0.5162	26
University of Memphis	-0.0956	-0.6387	0.5230	90
University of Tennessee - Chattanooga	-0.7164 (-)	-2.7165	0.0066	29
University of Tennessee - Knoxville	0.0681	0.3864	0.6992	65
University of Tennessee - Martin	-0.6601 (-)	-3.4155	0.0006	54
Vanderbilt University	0.4185	1.3504	0.1769	21
Victory University	.	.	.	0
Welch College	.	.	.	1
Western Governors University Tennessee	-0.0453	-0.0844	0.9328	7

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Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: Science (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	0.6311	1.1556	0.2479	31
Belmont University	-0.1639	-0.1320	0.8950	6
Bethel University	0.1452	0.1654	0.8686	12
Bryan College	.	.	.	4
Carson-Newman University	-0.2881	-0.3143	0.7533	11
Christian Brothers University	0.6509	0.4787	0.6322	5
Cumberland University	.	.	.	4
East Tennessee State University	0.5905	1.3455	0.1785	48
Fisk University	.	.	.	0
Freed-Hardeman University	0.0573	0.0754	0.9399	16
Johnson University	-0.5591	-0.4112	0.6810	5
King University	.	.	.	2
Lee University	-0.8448	-1.5470	0.1219	31
Lemoyne-Owen College	.	.	.	2
Lincoln Memorial University	-0.0658	-0.1125	0.9105	27
Lipscomb University	-0.8161	-1.3945	0.1632	27
Martin Methodist College	-0.3324	-0.3092	0.7571	8
Maryville College	0.3301	0.2427	0.8082	5
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	2.1580	1.5870	0.1126	5
Middle Tennessee State University	-0.1037	-0.3874	0.6985	129
Milligan College	0.1170	0.1155	0.9081	9
South College	-0.5675	-0.6465	0.5180	12
Southern Adventist University	.	.	.	0
Teach for America – Memphis	.	.	.	0
Teach for America – Nashville	.	.	.	0
Teach Tennessee	.	.	.	0
Tennessee State University	-0.7610	-1.4157	0.1569	32
Tennessee Technological University	-0.6190 (-)	-2.4260	0.0153	142
Tennessee Wesleyan College	-1.0872	-1.0726	0.2835	9
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	0
Trevecca Nazarene University	-0.4917	-0.8403	0.4007	27
Tusculum College	-0.7136	-1.2855	0.1987	30

Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: Science (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Union University	1.0237	1.2138	0.2249	13
University of Memphis	-0.1077	-0.2878	0.7735	66
University of Tennessee - Chattanooga	0.6784	1.1155	0.2647	25
University of Tennessee - Knoxville	-0.1098	-0.2578	0.7966	51
University of Tennessee - Martin	0.1827	0.4456	0.6559	55
Vanderbilt University	.	.	.	4
Victory University	.	.	.	1
Welch College	.	.	.	1
Western Governors University Tennessee	.	.	.	4

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Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: TCAP Composite (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	-1.5372 (-)	-3.8293	0.0001	79
Belmont University	0.6253	0.8220	0.4111	22
Bethel University	0.1111	0.1283	0.8979	17
Bryan College	-0.9811	-0.7275	0.4669	7
Carson-Newman University	-0.4370	-0.7246	0.4687	35
Christian Brothers University	-1.0181	-1.0677	0.2857	14
Cumberland University	0.2351	0.2717	0.7859	17
East Tennessee State University	-0.5738 (-)	-1.7094	0.0874	113
Fisk University	.	.	.	0
Freed-Hardeman University	-1.0824 (-)	-1.7160	0.0862	32
Johnson University	-2.3995 (-)	-2.3296	0.0198	12
King University	0.3877	0.3604	0.7186	11
Lee University	-1.3861 (-)	-3.3191	0.0009	73
Lemoyne-Owen College	.	.	.	4
Lincoln Memorial University	-0.8992 (-)	-2.0003	0.0455	63
Lipscomb University	-1.2760 (-)	-2.3983	0.0165	45
Martin Methodist College	-0.7135	-0.5999	0.5486	9
Maryville College	-2.0349 (-)	-1.7109	0.0871	9
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	1.3508 (+)	1.9304	0.0536	26
Middle Tennessee State University	-1.0293 (-)	-4.5246	0.0000	246
Milligan College	-2.1229 (-)	-2.4531	0.0142	17
South College	-0.4318	-0.5412	0.5884	20
Southern Adventist University	.	.	.	0
Teach for America – Memphis	.	.	.	0
Teach for America – Nashville	.	.	.	0
Teach Tennessee	.	.	.	0
Tennessee State University	-0.9465 (-)	-1.7795	0.0752	45
Tennessee Technological University	-1.2626 (-)	-5.8893	0.0000	277
Tennessee Wesleyan College	-0.6442	-0.8469	0.3971	22
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	0
Trevecca Nazarene University	-1.2889 (-)	-2.7980	0.0051	60
Tusculum College	-1.5491 (-)	-4.0261	0.0001	86

Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: TCAP Composite (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Union University	0.6701	1.3408	0.1800	51
University of Memphis	-0.7095 (-)	-2.4757	0.0133	155
University of Tennessee - Chattanooga	-0.9114 (-)	-1.9785	0.0479	60
University of Tennessee - Knoxville	-0.7510 (-)	-2.1360	0.0327	103
University of Tennessee - Martin	-1.2442 (-)	-3.6572	0.0003	110
Vanderbilt University	0.6290	0.9493	0.3425	29
Victory University	.	.	.	2
Welch College	.	.	.	3
Western Governors University Tennessee	-2.4078 (-)	-2.1339	0.0329	10

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Algebra I (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers
Aquinas College	.	.	.	0
Austin Peay State University	-1.2657	-1.0674	0.2860	6
Belmont University	.	.	.	1
Bethel University	.	.	.	1
Bryan College	.	.	.	1
Carson-Newman University	1.1562	0.8962	0.3703	5
Christian Brothers University	.	.	.	1
Cumberland University	.	.	.	3
East Tennessee State University	-0.0794	-0.0910	0.9275	12
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	4
Johnson University	.	.	.	0
King University	.	.	.	0
Lee University	.	.	.	3
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	2
Lipscomb University	-0.5587	-0.5367	0.5915	8
Martin Methodist College	.	.	.	0
Maryville College	.	.	.	2
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	1
Middle Tennessee State University	-0.2519	-0.2671	0.7895	10
Milligan College	.	.	.	2
South College	.	.	.	0
Southern Adventist University	.	.	.	1
Teach for America – Memphis	.	.	.	0
Teach for America – Nashville	.	.	.	0
Teach Tennessee	.	.	.	0
Tennessee State University	.	.	.	1
Tennessee Technological University	-0.8187	-0.9386	0.3481	12
Tennessee Wesleyan College	1.2475	1.0520	0.2930	6
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	0
Trevecca Nazarene University	.	.	.	1

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Algebra I (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers
Tusculum College	.	.	.	2
Union University	.	.	.	1
University of Memphis	.	.	.	3
University of Tennessee - Chattanooga	.	.	.	4
University of Tennessee - Knoxville	0.648	1.0081	0.3136	26
University of Tennessee - Martin	0.5862	0.5303	0.5960	7
Vanderbilt University	-0.6634	-0.7606	0.4470	12
Victory University	.	.	.	0
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	2

Notes

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Algebra II (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	.	.	.	1
Belmont University	.	.	.	2
Bethel University	.	.	.	1
Bryan College	.	.	.	0
Carson-Newman University	.	.	.	2
Christian Brothers University	.	.	.	1
Cumberland University	.	.	.	0
East Tennessee State University	.	.	.	3
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	1
Johnson University	.	.	.	0
King University	.	.	.	0
Lee University	.	.	.	1
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	2
Lipscomb University	.	.	.	1
Martin Methodist College	.	.	.	0
Maryville College	.	.	.	0
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	2
Middle Tennessee State University	1.1948	0.9699	0.3324	9
Milligan College	.	.	.	0
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	.	.	.	0
Teach for America – Nashville	.	.	.	0
Teach Tennessee	.	.	.	0
Tennessee State University	.	.	.	0
Tennessee Technological University	-1.2554	-0.8128	0.4165	5
Tennessee Wesleyan College	.	.	.	3
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	0
Trevecca Nazarene University	.	.	.	0
Tusculum College	.	.	.	2

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Algebra II (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Union University	.	.	.	3
University of Memphis	.	.	.	4
University of Tennessee - Chattanooga	1.4489	1.1762	0.2398	9
University of Tennessee - Knoxville	-0.3427	-0.2887	0.7729	10
University of Tennessee - Martin	.	.	.	2
Vanderbilt University	-1.0456	-0.7735	0.4395	7
Victory University	.	.	.	0
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	0

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Biology I (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	0.9229	1.5942	0.1112	6
Belmont University	.	.	.	2
Bethel University	.	.	.	2
Bryan College	.	.	.	1
Carson-Newman University	.	.	.	4
Christian Brothers University	.	.	.	0
Cumberland University	.	.	.	1
East Tennessee State University	0.6996	1.2759	0.2023	7
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	1
Johnson University	.	.	.	0
King University	.	.	.	1
Lee University	.	.	.	0
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	2
Lipscomb University	.	.	.	1
Martin Methodist College	.	.	.	1
Maryville College	.	.	.	1
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	2
Middle Tennessee State University	-0.8194	-1.5632	0.1184	8
Milligan College	.	.	.	0
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	.	.	.	0
Teach for America – Nashville	.	.	.	0
Teach Tennessee	.	.	.	0
Tennessee State University	.	.	.	1
Tennessee Technological University	-0.8031 (-)	-1.7342	0.0832	12
Tennessee Wesleyan College	.	.	.	1
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	0
Trevecca Nazarene University	.	.	.	2

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Biology I (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Tusculum College	.	.	.	0
Union University	.	.	.	3
University of Memphis	.	.	.	1
University of Tennessee - Chattanooga	.	.	.	2
University of Tennessee - Knoxville	.	.	.	4
University of Tennessee - Martin	.	.	.	3
Vanderbilt University	.	.	.	0
Victory University	.	.	.	0
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	1

Notes

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Chemistry (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	.	.	.	1
Belmont University	.	.	.	1
Bethel University	.	.	.	0
Bryan College	.	.	.	0
Carson-Newman University	.	.	.	3
Christian Brothers University	.	.	.	0
Cumberland University	.	.	.	1
East Tennessee State University	.	.	.	2
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	2
Johnson University	.	.	.	0
King University	.	.	.	2
Lee University	.	.	.	1
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	1
Lipscomb University	.	.	.	0
Martin Methodist College	.	.	.	1
Maryville College	.	.	.	0
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	0
Middle Tennessee State University	.	.	.	4
Milligan College	.	.	.	2
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	.	.	.	0
Teach for America – Nashville	.	.	.	0
Teach Tennessee	.	.	.	0
Tennessee State University	.	.	.	0
Tennessee Technological University	-0.5953	-0.8552	0.3928	8
Tennessee Wesleyan College	.	.	.	1
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	0
Trevecca Nazarene University	.	.	.	0

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Chemistry (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Tusculum College	.	.	.	0
Union University	.	.	.	2
University of Memphis	.	.	.	3
University of Tennessee - Chattanooga	.	.	.	4
University of Tennessee - Knoxville	0.5953	0.8552	0.3928	8
University of Tennessee - Martin	.	.	.	4
Vanderbilt University	.	.	.	2
Victory University	.	.	.	0
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	0

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: EOC Composite (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	1
Austin Peay State University	0.736	1.2855	0.1987	28
Belmont University	-1.0467	-1.0703	0.2845	9
Bethel University	0.3192	0.2450	0.8064	5
Bryan College	.	.	.	4
Carson-Newman University	-0.5849	-0.8750	0.3816	20
Christian Brothers University	.	.	.	3
Cumberland University	-0.7402	-0.7149	0.4747	8
East Tennessee State University	0.3877	0.8274	0.4080	44
Fisk University	.	.	.	0
Freed-Hardeman University	-0.6845	-0.6999	0.4840	9
Johnson University	.	.	.	2
King University	-0.535	-0.4842	0.6283	7
Lee University	-0.6494	-0.7628	0.4456	12
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	-1.4481 (-)	-1.7674	0.0772	13
Lipscomb University	-0.0683	-0.0921	0.9266	16
Martin Methodist College	-0.7095	-0.5955	0.5515	6
Maryville College	1.9798 (+)	1.6617	0.0966	6
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	2.5097 (+)	2.7004	0.0069	10
Middle Tennessee State University	0.0156	0.0371	0.9704	57
Milligan College	-0.5918	-0.6368	0.5243	10
South College	.	.	.	0
Southern Adventist University	.	.	.	1
Teach for America – Memphis	.	.	.	0
Teach for America – Nashville	.	.	.	0
Teach Tennessee	.	.	.	0
Tennessee State University	.	.	.	4
Tennessee Technological University	-0.1988	-0.4629	0.6434	54
Tennessee Wesleyan College	1.1455	1.6311	0.1029	18
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	0
Trevecca Nazarene University	-0.3911	-0.4406	0.6595	11

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: EOC Composite (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Tusculum College	.	.	.	4
Union University	1.7328 (+)	2.3374	0.0195	16
University of Memphis	0.5664	0.7400	0.4593	15
University of Tennessee - Chattanooga	-0.6621	-1.2620	0.2070	34
University of Tennessee - Knoxville	0.6576 (+)	1.7312	0.0835	73
University of Tennessee - Martin	0.247	0.4769	0.6335	35
Vanderbilt University	-0.5185	-0.9619	0.3361	32
Victory University	.	.	.	0
Welch College	.	.	.	2
Western Governors University Tennessee	.	.	.	3

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: English I (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	1
Austin Peay State University	0.544	0.8849	0.3764	6
Belmont University	.	.	.	0
Bethel University	.	.	.	0
Bryan College	.	.	.	2
Carson-Newman University	.	.	.	2
Christian Brothers University	.	.	.	0
Cumberland University	.	.	.	3
East Tennessee State University	-0.3651	-0.8075	0.4196	12
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	2
Johnson University	.	.	.	2
King University	.	.	.	2
Lee University	0.0989	0.1478	0.8825	5
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	2
Lipscomb University	.	.	.	4
Martin Methodist College	.	.	.	2
Maryville College	.	.	.	1
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	2
Middle Tennessee State University	0.2605	0.6652	0.5061	17
Milligan College	.	.	.	1
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	.	.	.	0
Teach for America – Nashville	.	.	.	0
Teach Tennessee	.	.	.	0
Tennessee State University	.	.	.	1
Tennessee Technological University	0.043	0.0880	0.9299	10
Tennessee Wesleyan College	0.9233	1.3804	0.1678	5
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	0
Trevecca Nazarene University	-0.9573	-1.4313	0.1527	5

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: English I (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Tusculum College	.	.	.	0
Union University	.	.	.	3
University of Memphis	.	.	.	3
University of Tennessee - Chattanooga	-0.9786 (-)	-1.7077	0.0880	7
University of Tennessee - Knoxville	0.2745	0.6663	0.5054	15
University of Tennessee - Martin	-0.1129	-0.2092	0.8343	8
Vanderbilt University	0.2697	0.4997	0.6174	8
Victory University	.	.	.	0
Welch College	.	.	.	1
Western Governors University Tennessee	.	.	.	0

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: English II (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	1.1404 (+)	2.0051	0.0452	7
Belmont University	.	.	.	3
Bethel University	.	.	.	1
Bryan College	.	.	.	0
Carson-Newman University	.	.	.	4
Christian Brothers University	.	.	.	1
Cumberland University	.	.	.	1
East Tennessee State University	0.1967	0.3858	0.6997	9
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	1
Johnson University	.	.	.	0
King University	.	.	.	3
Lee University	.	.	.	3
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	4
Lipscomb University	0.1659	0.2507	0.8021	5
Martin Methodist College	.	.	.	4
Maryville College	.	.	.	1
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	2
Middle Tennessee State University	-0.7574	-1.3317	0.1833	7
Milligan College	.	.	.	4
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	.	.	.	0
Teach for America – Nashville	.	.	.	0
Teach Tennessee	.	.	.	0
Tennessee State University	.	.	.	1
Tennessee Technological University	0.3654	0.6811	0.4960	8
Tennessee Wesleyan College	0.1043	0.1576	0.8748	5
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	0
Trevecca Nazarene University	.	.	.	3

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: English II (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Tusculum College	.	.	.	1
Union University	.	.	.	3
University of Memphis	.	.	.	0
University of Tennessee - Chattanooga	-1.7818 (-)	-3.4942	0.0005	9
University of Tennessee - Knoxville	0.0522	0.1324	0.8947	17
University of Tennessee - Martin	0.5143	1.0546	0.2919	10
Vanderbilt University	.	.	.	2
Victory University	.	.	.	0
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	0

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: English III (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	0.8554 (+)	1.9210	0.0551	7
Belmont University	.	.	.	0
Bethel University	.	.	.	1
Bryan College	.	.	.	1
Carson-Newman University	.	.	.	3
Christian Brothers University	.	.	.	0
Cumberland University	.	.	.	0
East Tennessee State University	-0.2425	-0.5758	0.5649	8
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	0
Johnson University	.	.	.	0
King University	.	.	.	0
Lee University	.	.	.	2
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	2
Lipscomb University	.	.	.	2
Martin Methodist College	.	.	.	1
Maryville College	.	.	.	2
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	1
Middle Tennessee State University	-0.2163	-0.5832	0.5599	11
Milligan College	.	.	.	2
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	.	.	.	0
Teach for America – Nashville	.	.	.	0
Teach Tennessee	.	.	.	0
Tennessee State University	.	.	.	0
Tennessee Technological University	-0.0577	-0.1214	0.9034	6
Tennessee Wesleyan College	.	.	.	1
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	0
Trevecca Nazarene University	.	.	.	3

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: English III (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Tusculum College	.	.	.	0
Union University	.	.	.	2
University of Memphis	.	.	.	3
University of Tennessee - Chattanooga	-0.6243	-1.3127	0.1896	6
University of Tennessee - Knoxville	-0.0945	-0.2454	0.8062	10
University of Tennessee - Martin	0.3798	0.8529	0.3940	7
Vanderbilt University	.	.	.	4
Victory University	.	.	.	0
Welch College	.	.	.	1
Western Governors University Tennessee	.	.	.	0

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Math (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	-0.5599	-1.1650	0.2441	39
Belmont University	1.0743	1.2786	0.2011	12
Bethel University	0.2908	0.2464	0.8054	6
Bryan College	.	.	.	4
Carson-Newman University	0.4211	0.6707	0.5024	22
Christian Brothers University	0.171	0.1669	0.8674	8
Cumberland University	2.1898 (+)	2.0024	0.0453	7
East Tennessee State University	-0.5233	-1.1961	0.2317	48
Fisk University	.	.	.	0
Freed-Hardeman University	0.0475	0.0687	0.9452	18
Johnson University	-0.5353	-0.5537	0.5798	9
King University	.	.	.	4
Lee University	0.3156	0.6718	0.5017	41
Lemoyne-Owen College	.	.	.	4
Lincoln Memorial University	-0.7366	-1.4192	0.1559	33
Lipscomb University	-0.2706	-0.5199	0.6031	33
Martin Methodist College	.	.	.	3
Maryville College	-1.7022	-1.3186	0.1873	5
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	2.4425 (+)	2.7866	0.0053	11
Middle Tennessee State University	-0.1166	-0.4028	0.6871	129
Milligan College	-0.9705	-1.0038	0.3155	9
South College	-0.5559	-0.6879	0.4916	13
Southern Adventist University	.	.	.	0
Teach for America – Memphis	.	.	.	0
Teach for America – Nashville	.	.	.	0
Teach Tennessee	.	.	.	0
Tennessee State University	0.8732	1.5584	0.1192	28
Tennessee Technological University	-0.4511 (-)	-1.6996	0.0892	163
Tennessee Wesleyan College	0.7726	0.9909	0.3218	14
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	0
Trevecca Nazarene University	-0.6052	-1.0432	0.2969	26

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Math (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Tusculum College	-0.7731 (-)	-1.7502	0.0801	47
Union University	0.5032	0.8807	0.3785	27
University of Memphis	-0.0966	-0.2743	0.7839	79
University of Tennessee - Chattanooga	0.3884	0.6447	0.5192	24
University of Tennessee - Knoxville	-0.329	-0.8114	0.4171	57
University of Tennessee - Martin	-0.7016 (-)	-1.7954	0.0726	62
Vanderbilt University	0.8785	1.0022	0.3163	11
Victory University	.	.	.	2
Welch College	.	.	.	2
Western Governors University Tennessee	.	.	.	4

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Reading/Language (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	-0.3571	-1.5149	0.1298	37
Belmont University	0.8768 (+)	2.0888	0.0368	11
Bethel University	-0.1576	-0.3404	0.7335	9
Bryan College	-1.1116 (-)	-1.9673	0.0492	6
Carson-Newman University	-0.1688	-0.4362	0.6627	13
Christian Brothers University	0.2184	0.4170	0.6767	7
Cumberland University	0.5544	1.4848	0.1376	14
East Tennessee State University	0.0873	0.4764	0.6338	65
Fisk University	.	.	.	0
Freed-Hardeman University	0.1184	0.3673	0.7134	19
Johnson University	0.035	0.0715	0.9430	8
King University	0.0354	0.0676	0.9461	7
Lee University	-0.0352	-0.1698	0.8651	49
Lemoyne-Owen College	.	.	.	1
Lincoln Memorial University	0.2265	0.9488	0.3427	36
Lipscomb University	-0.1606	-0.5337	0.5935	22
Martin Methodist College	.	.	.	3
Maryville College	-0.2536	-0.4102	0.6817	5
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	0.544	1.5064	0.1320	15
Middle Tennessee State University	-0.0221	-0.1634	0.8702	138
Milligan College	-1.0901 (-)	-1.9293	0.0537	6
South College	0.3447	0.8213	0.4115	11
Southern Adventist University	.	.	.	0
Teach for America – Memphis	.	.	.	0
Teach for America – Nashville	.	.	.	0
Teach Tennessee	.	.	.	0
Tennessee State University	0.0671	0.2623	0.7931	31
Tennessee Technological University	0.0003	0.0025	0.9980	155
Tennessee Wesleyan College	0.0759	0.2032	0.8390	14
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	0
Trevecca Nazarene University	0.1556	0.7499	0.4533	49

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Reading/Language (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Tusculum College	0.188	0.9223	0.3564	51
Union University	0.0582	0.2093	0.8342	26
University of Memphis	0.1425	0.8919	0.3725	90
University of Tennessee - Chattanooga	-0.4724 (-)	-1.7900	0.0735	29
University of Tennessee - Knoxville	0.307 (+)	1.6753	0.0939	65
University of Tennessee - Martin	-0.4209 (-)	-2.1179	0.0342	54
Vanderbilt University	0.6626 (+)	2.1560	0.0311	21
Victory University	.	.	.	0
Welch College	.	.	.	1
Western Governors University Tennessee	0.2016	0.3849	0.7003	7

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Science (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	0.721	1.3071	0.1912	31
Belmont University	-0.0996	-0.0825	0.9343	6
Bethel University	0.2192	0.2543	0.7993	12
Bryan College	.	.	.	4
Carson-Newman University	-0.1598	-0.1777	0.8589	11
Christian Brothers University	0.7546	0.5712	0.5679	5
Cumberland University	.	.	.	4
East Tennessee State University	0.6488	1.4291	0.1530	48
Fisk University	.	.	.	0
Freed-Hardeman University	0.1404	0.1869	0.8517	16
Johnson University	-0.5236	-0.3963	0.6919	5
King University	.	.	.	2
Lee University	-0.8067	-1.4626	0.1436	31
Lemoyne-Owen College	.	.	.	2
Lincoln Memorial University	-0.0171	-0.0291	0.9767	27
Lipscomb University	-0.7179	-1.2256	0.2204	27
Martin Methodist College	-0.253	-0.2412	0.8094	8
Maryville College	0.3162	0.2394	0.8108	5
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	2.2646 (+)	1.7141	0.0866	5
Middle Tennessee State University	-0.0484	-0.1580	0.8745	129
Milligan College	0.2381	0.2403	0.8101	9
South College	-0.5603	-0.6500	0.5157	12
Southern Adventist University	.	.	.	0
Teach for America – Memphis	.	.	.	0
Teach for America – Nashville	.	.	.	0
Teach Tennessee	.	.	.	0
Tennessee State University	-0.7244	-1.3324	0.1828	32
Tennessee Technological University	-0.5758 (-)	-1.9458	0.0517	142
Tennessee Wesleyan College	-0.9322	-0.9408	0.3468	9
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	0
Trevecca Nazarene University	-0.4794	-0.8159	0.4146	27

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Science (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Tusculum College	-0.6218	-1.1105	0.2668	30
Union University	1.1575	1.3987	0.1620	13
University of Memphis	-0.0848	-0.2139	0.8307	66
University of Tennessee - Chattanooga	0.7838	1.2872	0.1981	25
University of Tennessee - Knoxville	-0.0621	-0.1404	0.8883	51
University of Tennessee - Martin	0.2698	0.6303	0.5285	55
Vanderbilt University	.	.	.	4
Victory University	.	.	.	1
Welch College	.	.	.	1
Western Governors University Tennessee	.	.	.	4

Notes

- . indicates an institution had fewer than 5 teachers.
- indicates a statistically significant negative difference from the reference population.
- + indicates a statistically significant positive relationship from the reference population.

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: TCAP Composite (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	-0.7142 (-)	-1.7416	0.0816	79
Belmont University	1.4483 (+)	1.9361	0.0529	22
Bethel University	0.9341	1.1015	0.2707	17
Bryan College	-0.1581	-0.1205	0.9041	7
Carson-Newman University	0.386	0.6450	0.5189	35
Christian Brothers University	-0.1951	-0.2092	0.8343	14
Cumberland University	1.0581	1.2477	0.2121	17
East Tennessee State University	0.2492	0.7115	0.4768	113
Fisk University	.	.	.	0
Freed-Hardeman University	-0.2593	-0.4152	0.6780	32
Johnson University	-1.5765	-1.5673	0.1171	12
King University	1.2107	1.1533	0.2488	11
Lee University	-0.5631	-1.3250	0.1852	73
Lemoyne-Owen College	.	.	.	4
Lincoln Memorial University	-0.0762	-0.1677	0.8669	63
Lipscomb University	-0.4057	-0.7636	0.4451	45
Martin Methodist College	0.1095	0.0945	0.9247	9
Maryville College	-1.2119	-1.0456	0.2957	9
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	2.1738 (+)	3.1503	0.0016	26
Middle Tennessee State University	-0.2063	-0.8054	0.4206	246
Milligan College	-1.2999	-1.5328	0.1253	17
South College	0.3912	0.4993	0.6176	20
Southern Adventist University	.	.	.	0
Teach for America – Memphis	.	.	.	0
Teach for America – Nashville	.	.	.	0
Teach Tennessee	.	.	.	0
Tennessee State University	-0.1235	-0.2324	0.8162	45
Tennessee Technological University	-0.4395 (-)	-1.7918	0.0732	277
Tennessee Wesleyan College	0.1788	0.2390	0.8111	22
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	0
Trevecca Nazarene University	-0.4658	-1.0023	0.3162	60

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: TCAP Composite (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Tusculum College	-0.726 (-)	-1.8390	0.0659	86
Union University	1.5404 (+)	3.0742	0.0021	51
University of Memphis	0.1135	0.3701	0.7113	155
University of Tennessee - Chattanooga	-0.0883	-0.1900	0.8493	60
University of Tennessee - Knoxville	0.0721	0.1976	0.8433	103
University of Tennessee - Martin	-0.4211	-1.1884	0.2347	110
Vanderbilt University	1.452 (+)	2.2178	0.0266	29
Victory University	.	.	.	2
Welch College	.	.	.	3
Western Governors University Tennessee	-1.5847	-1.4403	0.1498	10

Notes

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Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Algebra I (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Aquinas College	0
Austin Peay State University	2	33.3	0.1978	0	0.0	0.5243	6
Belmont University	1
Bethel University	1
Bryan College	1
Carson-Newman University	1	20.0	0.5254	1	20.0	0.5254	5
Christian Brothers University	1
Cumberland University	3
East Tennessee State University	3	25.0	0.4109	3	25.0	0.4109	12
Fisk University	0
Freed-Hardeman University	4
Johnson University	0
King University	0
Lee University	3
Lemoyne-Owen College	0
Lincoln Memorial University	2
Lipscomb University	2	25.0	0.4062	0	0.0	0.3355	8
Martin Methodist College	0
Maryville College	2
Memphis College of Art	0
Memphis Teacher Residency	1
Middle Tennessee State University	3	30.0	0.2417	2	20.0	0.6444	10
Milligan College	2
South College	0
Southern Adventist University	1
Teach for America – Memphis	0
Teach for America – Nashville	0
Teach Tennessee	0

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Algebra I (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Tennessee State University	1
Tennessee Technological University	4	33.3	0.1451	1	8.3	0.5498	12
Tennessee Wesleyan College	1	16.7	0.6893	1	16.7	0.6893	6
TNTP - Memphis	0
TNTP - Nashville	0
Trevecca Nazarene University	1
Tusculum College	2
Union University	1
University of Memphis	3
University of Tennessee - Chattanooga	4
University of Tennessee - Knoxville	2	7.7	0.1681	3	11.5	0.4137	26
University of Tennessee - Martin	1	14.3	0.8466	2	28.6	0.2961	7
Vanderbilt University	3	25.0	0.4109	1	8.3	0.5498	12
Victory University	0
Welch College	0
Western Governors University Tennessee	2

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Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Algebra II (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Aquinas College	0
Austin Peay State University	1
Belmont University	2
Bethel University	1
Bryan College	0
Carson-Newman University	2
Christian Brothers University	1
Cumberland University	0
East Tennessee State University	3
Fisk University	0
Freed-Hardeman University	1
Johnson University	0
King University	0
Lee University	1
Lemoyne-Owen College	0
Lincoln Memorial University	2
Lipscomb University	1
Martin Methodist College	0
Maryville College	0
Memphis College of Art	0
Memphis Teacher Residency	2
Middle Tennessee State University	1	11.1	0.8724	1	11.1	0.8724	9
Milligan College	0
South College	0
Southern Adventist University	0
Teach for America – Memphis	0
Teach for America – Nashville	0
Teach Tennessee	0

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Algebra II (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Tennessee State University	0
Tennessee Technological University	2	40.0	0.1158	2	40.0	0.1158	5
Tennessee Wesleyan College	3
TNTP - Memphis	0
TNTP - Nashville	0
Trevecca Nazarene University	0
Tusculum College	2
Union University	3
University of Memphis	4
University of Tennessee - Chattanooga	1	11.1	0.8724	2	22.2	0.5236	9
University of Tennessee - Knoxville	2	20.0	0.6444	0	0.0	0.2147	10
University of Tennessee - Martin	2
Vanderbilt University	3	42.9 (-)	0.0667	0	0.0	0.4194	7
Victory University	0
Welch College	0
Western Governors University Tennessee	0

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Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Biology I (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Aquinas College	0
Austin Peay State University	0	0.0	0.5243	2	33.3	0.1978	6
Belmont University	2
Bethel University	2
Bryan College	1
Carson-Newman University	4
Christian Brothers University	0
Cumberland University	1
East Tennessee State University	0	0.0	0.4194	2	28.6	0.2961	7
Fisk University	0
Freed-Hardeman University	1
Johnson University	0
King University	1
Lee University	0
Lemoyne-Owen College	0
Lincoln Memorial University	2
Lipscomb University	1
Martin Methodist College	1
Maryville College	1
Memphis College of Art	0
Memphis Teacher Residency	2
Middle Tennessee State University	2	25.0	0.4062	1	12.5	0.9934	8
Milligan College	0
South College	0
Southern Adventist University	0
Teach for America – Memphis	0
Teach for America – Nashville	0
Teach Tennessee	0

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Biology I (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Tennessee State University	1
Tennessee Technological University	2	16.7	0.8833	2	16.7	0.8833	12
Tennessee Wesleyan College	1
TNTP - Memphis	0
TNTP - Nashville	0
Trevecca Nazarene University	2
Tusculum College	0
Union University	3
University of Memphis	1
University of Tennessee - Chattanooga	2
University of Tennessee - Knoxville	4
University of Tennessee - Martin	3
Vanderbilt University	0
Victory University	0
Welch College	0
Western Governors University Tennessee	1

Notes

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Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Chemistry (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Aquinas College	0
Austin Peay State University	1
Belmont University	1
Bethel University	0
Bryan College	0
Carson-Newman University	3
Christian Brothers University	0
Cumberland University	1
East Tennessee State University	2
Fisk University	0
Freed-Hardeman University	2
Johnson University	0
King University	2
Lee University	1
Lemoyne-Owen College	0
Lincoln Memorial University	1
Lipscomb University	0
Martin Methodist College	1
Maryville College	0
Memphis College of Art	0
Memphis Teacher Residency	0
Middle Tennessee State University	4
Milligan College	2
South College	0
Southern Adventist University	0
Teach for America – Memphis	0
Teach for America – Nashville	0
Teach Tennessee	0

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Chemistry (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Tennessee State University	0
Tennessee Technological University	2	25.0	0.4062	0	0.0	0.3355	8
Tennessee Wesleyan College	1
TNTP - Memphis	0
TNTP - Nashville	0
Trevecca Nazarene University	0
Tusculum College	0
Union University	2
University of Memphis	3
University of Tennessee - Chattanooga	4
University of Tennessee - Knoxville	1	12.5	0.9934	2	25.0	0.4062	8
University of Tennessee - Martin	4
Vanderbilt University	2
Victory University	0
Welch College	0
Western Governors University Tennessee	0

Notes

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Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: EOC Composite (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Aquinas College	1
Austin Peay State University	4	14.3	0.6298	3	10.7	0.3204	28
Belmont University	3	33.3	0.1713	0	0.0	0.2684	9
Bethel University	0	0.0	0.6554	1	20.0	0.5254	5
Bryan College	4
Carson-Newman University	5	25.0	0.3916	3	15.0	0.8229	20
Christian Brothers University	3
Cumberland University	2	25.0	0.4062	1	12.5	0.9934	8
East Tennessee State University	8	18.2	0.9403	7	15.9	0.6459	44
Fisk University	0
Freed-Hardeman University	3	33.3	0.1713	1	11.1	0.8724	9
Johnson University	2
King University	1	14.3	0.8466	1	14.3	0.8466	7
Lee University	3	25.0	0.4109	1	8.3	0.5498	12
Lemoyne-Owen College	0
Lincoln Memorial University	6	46.2 (-)	0.0140	1	7.7	0.4673	13
Lipscomb University	3	18.8	0.8037	1	6.3	0.2815	16
Martin Methodist College	1	16.7	0.6893	1	16.7	0.6893	6
Maryville College	1	16.7	0.6893	1	16.7	0.6893	6
Memphis College of Art	0
Memphis Teacher Residency	0	0.0	0.2147	4	40.0 (+)	0.0656	10
Middle Tennessee State University	10	17.5	0.7897	4	7.0 (-)	0.0127	57
Milligan College	3	30.0	0.2417	0	0.0	0.2147	10
South College	0
Southern Adventist University	1
Teach for America – Memphis	0
Teach for America – Nashville	0
Teach Tennessee	0

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: EOC Composite (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Tennessee State University	4
Tennessee Technological University	12	22.2	0.5481	7	13.0	0.2564	54
Tennessee Wesleyan College	1	5.6	0.1982	4	22.2	0.5673	18
TNTP - Memphis	0
TNTP - Nashville	0
Trevecca Nazarene University	4	36.4	0.1008	1	9.1	0.6442	11
Tusculum College	4
Union University	1	6.3	0.2815	4	25.0	0.4035	16
University of Memphis	4	26.7	0.3285	3	20.0	0.7037	15
University of Tennessee - Chattanooga	13	38.2 (-)	0.0077	2	5.9 (-)	0.0452	34
University of Tennessee - Knoxville	9	12.3	0.1241	13	17.8	0.7682	73
University of Tennessee - Martin	6	17.1	0.8657	4	11.4	0.2870	35
Vanderbilt University	9	28.1	0.1797	2	6.3 (-)	0.0634	32
Victory University	0
Welch College	2
Western Governors University Tennessee	3

Notes

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Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: English I (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Aquinas College	1
Austin Peay State University	0	0.0	0.5243	1	16.7	0.6893	6
Belmont University	0
Bethel University	0
Bryan College	2
Carson-Newman University	2
Christian Brothers University	0
Cumberland University	3
East Tennessee State University	5	41.7 (-)	0.0388	1	8.3	0.5498	12
Fisk University	0
Freed-Hardeman University	2
Johnson University	2
King University	2
Lee University	1	20.0	0.5254	1	20.0	0.5254	5
Lemoyne-Owen College	0
Lincoln Memorial University	2
Lipscomb University	4
Martin Methodist College	2
Maryville College	1
Memphis College of Art	0
Memphis Teacher Residency	2
Middle Tennessee State University	2	11.8	0.6192	3	17.7	0.9022	17
Milligan College	1
South College	0
Southern Adventist University	0
Teach for America – Memphis	0
Teach for America – Nashville	0
Teach Tennessee	0

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: English I (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Tennessee State University	1
Tennessee Technological University	2	20.0	0.6444	1	10.0	0.7516	10
Tennessee Wesleyan College	0	0.0	0.6554	1	20.0	0.5254	5
TNTP - Memphis	0
TNTP - Nashville	0
Trevecca Nazarene University	2	40.0	0.1158	0	0.0	0.6554	5
Tusculum College	0
Union University	3
University of Memphis	3
University of Tennessee - Chattanooga	3	42.9 (-)	0.0667	0	0.0	0.4194	7
University of Tennessee - Knoxville	2	13.3	0.7960	3	20.0	0.7037	15
University of Tennessee - Martin	2	25.0	0.4062	3	37.5	0.1126	8
Vanderbilt University	1	12.5	0.9934	2	25.0	0.4062	8
Victory University	0
Welch College	1
Western Governors University Tennessee	0

Notes

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+ indicates a statistically significant positive relationship from the reference population.

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: English II (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Aquinas College	0
Austin Peay State University	0	0.0	0.4194	1	14.3	0.8466	7
Belmont University	3
Bethel University	1
Bryan College	0
Carson-Newman University	4
Christian Brothers University	1
Cumberland University	1
East Tennessee State University	2	22.2	0.5236	2	22.2	0.5236	9
Fisk University	0
Freed-Hardeman University	1
Johnson University	0
King University	3
Lee University	3
Lemoyne-Owen College	0
Lincoln Memorial University	4
Lipscomb University	0	0.0	0.6554	0	0.0	0.6554	5
Martin Methodist College	4
Maryville College	1
Memphis College of Art	0
Memphis Teacher Residency	2
Middle Tennessee State University	3	42.9 (-)	0.0667	0	0.0	0.4194	7
Milligan College	4
South College	0
Southern Adventist University	0
Teach for America – Memphis	0
Teach for America – Nashville	0
Teach Tennessee	0

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: English II (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Tennessee State University	1
Tennessee Technological University	1	12.5	0.9934	2	25.0	0.4062	8
Tennessee Wesleyan College	0	0.0	0.6554	0	0.0	0.6554	5
TNTP - Memphis	0
TNTP - Nashville	0
Trevecca Nazarene University	3
Tusculum College	1
Union University	3
University of Memphis	0
University of Tennessee - Chattanooga	6	66.7 (-)	0.0006	0	0.0	0.2684	9
University of Tennessee - Knoxville	3	17.7	0.9022	1	5.9	0.2364	17
University of Tennessee - Martin	4	40.0 (-)	0.0656	4	40.0 (+)	0.0656	10
Vanderbilt University	2
Victory University	0
Welch College	0
Western Governors University Tennessee	0

Notes

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Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: English III (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Aquinas College	0
Austin Peay State University	0	0.0	0.4194	3	42.9 (+)	0.0667	7
Belmont University	0
Bethel University	1
Bryan College	1
Carson-Newman University	3
Christian Brothers University	0
Cumberland University	0
East Tennessee State University	3	37.5	0.1126	1	12.5	0.9934	8
Fisk University	0
Freed-Hardeman University	0
Johnson University	0
King University	0
Lee University	2
Lemoyne-Owen College	0
Lincoln Memorial University	2
Lipscomb University	2
Martin Methodist College	1
Maryville College	2
Memphis College of Art	0
Memphis Teacher Residency	1
Middle Tennessee State University	2	18.2	0.7652	1	9.1	0.6442	11
Milligan College	2
South College	0
Southern Adventist University	0
Teach for America – Memphis	0
Teach for America – Nashville	0
Teach Tennessee	0

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: English III (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Tennessee State University	0
Tennessee Technological University	1	16.7	0.6893	2	33.3	0.1978	6
Tennessee Wesleyan College	1
TNTP - Memphis	0
TNTP - Nashville	0
Trevecca Nazarene University	3
Tusculum College	0
Union University	2
University of Memphis	3
University of Tennessee - Chattanooga	1	16.7	0.6893	0	0.0	0.5243	6
University of Tennessee - Knoxville	3	30.0	0.2417	2	20.0	0.6444	10
University of Tennessee - Martin	1	14.3	0.8466	3	42.9 (+)	0.0667	7
Vanderbilt University	4
Victory University	0
Welch College	1
Western Governors University Tennessee	0

Notes

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+ indicates a statistically significant positive relationship from the reference population.

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Math (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Aquinas College	0
Austin Peay State University	10	25.6	0.2812	5	12.8	0.3600	39
Belmont University	4	33.3	0.1451	5	41.7 (+)	0.0388	12
Bethel University	1	16.7	0.6893	0	0.0	0.5243	6
Bryan College	4
Carson-Newman University	5	22.7	0.5347	5	22.7	0.5347	22
Christian Brothers University	0	0.0	0.3355	1	12.5	0.9934	8
Cumberland University	1	14.3	0.8466	1	14.3	0.8466	7
East Tennessee State University	11	22.9	0.4810	6	12.5	0.2579	48
Fisk University	0
Freed-Hardeman University	4	22.2	0.5673	3	16.7	0.9979	18
Johnson University	2	22.2	0.5236	1	11.1	0.8724	9
King University	4
Lee University	8	19.5	0.8761	8	19.5	0.8761	41
Lemoyne-Owen College	4
Lincoln Memorial University	13	39.4 (-)	0.0055	4	12.1	0.3643	33
Lipscomb University	10	30.3	0.1017	5	15.2	0.6581	33
Martin Methodist College	3
Maryville College	2	40.0	0.1158	0	0.0	0.6554	5
Memphis College of Art	0
Memphis Teacher Residency	1	9.1	0.6442	5	45.5 (+)	0.0233	11
Middle Tennessee State University	35	27.1 (-)	0.0385	20	15.5	0.2395	129
Milligan College	4	44.4 (-)	0.0392	1	11.1	0.8724	9
South College	1	7.7	0.4673	1	7.7	0.4673	13
Southern Adventist University	0
Teach for America – Memphis	0
Teach for America – Nashville	0
Teach Tennessee	0

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Math (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Tennessee State University	3	10.7	0.3204	8	28.6	0.1801	28
Tennessee Technological University	42	25.8 (-)	0.0585	27	16.6	0.3177	163
Tennessee Wesleyan College	0	0.0 (+)	0.0880	2	14.3	0.8961	14
TNTP - Memphis	0
TNTP - Nashville	0
Trevecca Nazarene University	6	23.1	0.5053	4	15.4	0.7667	26
Tusculum College	15	31.9 (-)	0.0342	7	14.9	0.5011	47
Union University	6	22.2	0.5732	7	25.9	0.3111	27
University of Memphis	14	17.7	0.7335	12	15.2	0.3551	79
University of Tennessee - Chattanooga	6	25.0	0.3779	4	16.7	0.9198	24
University of Tennessee - Knoxville	10	17.5	0.7897	7	12.3	0.1868	57
University of Tennessee - Martin	17	27.4	0.1145	8	12.9	0.2076	62
Vanderbilt University	2	18.2	0.7652	4	36.4	0.1008	11
Victory University	2
Welch College	2
Western Governors University Tennessee	4

Notes

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Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Reading/Language (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience**

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Aquinas College	0
Austin Peay State University	13	35.1 (-)	0.0186	7	18.9	0.9341	37
Belmont University	1	9.1	0.6442	4	36.4	0.1008	11
Bethel University	2	22.2	0.5236	1	11.1	0.8724	9
Bryan College	4	66.7 (-)	0.0032	0	0.0	0.5243	6
Carson-Newman University	4	30.8	0.1983	1	7.7	0.4673	13
Christian Brothers University	1	14.3	0.8466	1	14.3	0.8466	7
Cumberland University	2	14.3	0.8961	5	35.7 (+)	0.0877	14
East Tennessee State University	19	29.2 (-)	0.0523	13	20.0	0.8530	65
Fisk University	0
Freed-Hardeman University	4	21.1	0.6534	3	15.8	0.9102	19
Johnson University	2	25.0	0.4062	1	12.5	0.9934	8
King University	2	28.6	0.2961	3	42.9 (+)	0.0667	7
Lee University	13	26.5	0.1932	9	18.4	0.9434	49
Lemoyne-Owen College	1
Lincoln Memorial University	4	11.1	0.2538	6	16.7	0.8014	36
Lipscomb University	6	27.3	0.2659	2	9.1	0.3090	22
Martin Methodist College	3
Maryville College	1	20.0	0.5254	0	0.0	0.6554	5
Memphis College of Art	0
Memphis Teacher Residency	2	13.3	0.7960	5	33.3	0.1221	15
Middle Tennessee State University	39	28.3 (-)	0.0148	21	15.2	0.1884	138
Milligan College	3	50.0 (-)	0.0339	1	16.7	0.6893	6
South College	3	27.3	0.3223	3	27.3	0.3223	11
Southern Adventist University	0
Teach for America – Memphis	0
Teach for America – Nashville	0
Teach Tennessee	0

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Reading/Language (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Tennessee State University	4	12.9	0.4575	3	9.7	0.2140	31
Tennessee Technological University	33	21.3	0.6053	22	14.2 (-)	0.0797	155
Tennessee Wesleyan College	3	21.4	0.6036	2	14.3	0.8961	14
TNTP - Memphis	0
TNTP - Nashville	0
Trevecca Nazarene University	9	18.4	0.9434	7	14.3	0.4182	49
Tusculum College	13	25.5	0.2514	9	17.7	0.8329	51
Union University	7	26.9	0.2626	7	26.9	0.2626	26
University of Memphis	21	23.3	0.3540	14	15.6	0.3582	90
University of Tennessee - Chattanooga	9	31.0 (-)	0.0985	3	10.3	0.2808	29
University of Tennessee - Knoxville	19	29.2 (-)	0.0523	17	26.2	0.1701	65
University of Tennessee - Martin	17	31.5 (-)	0.0299	1	1.9 (-)	0.0002	54
Vanderbilt University	3	14.3	0.7408	6	28.6	0.2170	21
Victory University	0
Welch College	1
Western Governors University Tennessee	1	14.3	0.8466	1	14.3	0.8466	7

Notes

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Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Science (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Aquinas College	0
Austin Peay State University	5	16.1	0.7861	8	25.8	0.3015	31
Belmont University	2	33.3	0.1978	1	16.7	0.6893	6
Bethel University	4	33.3	0.1451	4	33.3	0.1451	12
Bryan College	4
Carson-Newman University	2	18.2	0.7652	3	27.3	0.3223	11
Christian Brothers University	0	0.0	0.6554	0	0.0	0.6554	5
Cumberland University	4
East Tennessee State University	4	8.3 (+)	0.0497	8	16.7	0.7151	48
Fisk University	0
Freed-Hardeman University	0	0.0 (+)	0.0563	2	12.5	0.7037	16
Johnson University	2	40.0	0.1158	1	20.0	0.5254	5
King University	2
Lee University	9	29.0	0.1492	5	16.1	0.7861	31
Lemoyne-Owen College	2
Lincoln Memorial University	7	25.9	0.3111	5	18.5	0.9227	27
Lipscomb University	10	37.0 (-)	0.0219	3	11.1	0.3646	27
Martin Methodist College	1	12.5	0.9934	1	12.5	0.9934	8
Maryville College	1	20.0	0.5254	1	20.0	0.5254	5
Memphis College of Art	0
Memphis Teacher Residency	1	20.0	0.5254	2	40.0	0.1158	5
Middle Tennessee State University	26	20.2	0.8607	22	17.1	0.4742	129
Milligan College	0	0.0	0.2684	1	11.1	0.8724	9
South College	3	25.0	0.4109	1	8.3	0.5498	12
Southern Adventist University	0
Teach for America – Memphis	0
Teach for America – Nashville	0
Teach Tennessee	0

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Science (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Tennessee State University	6	18.8	0.9291	4	12.5	0.4088	32
Tennessee Technological University	33	23.2	0.2856	21	14.8	0.1403	142
Tennessee Wesleyan College	3	33.3	0.1713	0	0.0	0.2684	9
TNTP - Memphis	0
TNTP - Nashville	0
Trevecca Nazarene University	4	14.8	0.6961	3	11.1	0.3646	27
Tusculum College	6	20.0	0.7861	3	10.0	0.2454	30
Union University	3	23.1	0.5054	4	30.8	0.1983	13
University of Memphis	14	21.2	0.6704	14	21.2	0.6704	66
University of Tennessee - Chattanooga	3	12.0	0.4680	6	24.0	0.4399	25
University of Tennessee - Knoxville	14	27.5	0.1414	11	21.6	0.6295	51
University of Tennessee - Martin	12	21.8	0.5959	14	25.5	0.2419	55
Vanderbilt University	4
Victory University	1
Welch College	1
Western Governors University Tennessee	4

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Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: TCAP Composite (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Aquinas College	0
Austin Peay State University	25	31.7 (-)	0.0096	7	8.9 (-)	0.0121	79
Belmont University	3	13.6	0.6641	6	27.3	0.2659	22
Bethel University	5	29.4	0.2114	3	17.7	0.9022	17
Bryan College	2	28.6	0.2961	2	28.6	0.2961	7
Carson-Newman University	9	25.7	0.2915	5	14.3	0.5442	35
Christian Brothers University	1	7.1	0.3958	0	0.0 (-)	0.0880	14
Cumberland University	2	11.8	0.6192	4	23.5	0.4836	17
East Tennessee State University	21	18.6	0.8132	19	16.8	0.4729	113
Fisk University	0
Freed-Hardeman University	7	21.9	0.6035	1	3.1 (-)	0.0143	32
Johnson University	4	33.3	0.1451	0	0.0	0.1374	12
King University	2	18.2	0.7652	3	27.3	0.3223	11
Lee University	18	24.7	0.2565	5	6.9 (-)	0.0034	73
Lemoyne-Owen College	4
Lincoln Memorial University	14	22.2	0.5363	7	11.1 (-)	0.0946	63
Lipscomb University	12	26.7	0.1989	4	8.9 (-)	0.0765	45
Martin Methodist College	1	11.1	0.8724	0	0.0	0.2684	9
Maryville College	5	55.6 (-)	0.0061	1	11.1	0.8724	9
Memphis College of Art	0
Memphis Teacher Residency	4	15.4	0.7667	7	26.9	0.2626	26
Middle Tennessee State University	59	24.0	0.1057	23	9.4 (-)	0.0000	246
Milligan College	6	35.3 (-)	0.0753	1	5.9	0.2364	17
South College	5	25.0	0.3916	3	15.0	0.8229	20
Southern Adventist University	0
Teach for America – Memphis	0
Teach for America – Nashville	0
Teach Tennessee	0

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: TCAP Composite (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Tennessee State University	5	11.1	0.1804	3	6.7 (-)	0.0258	45
Tennessee Technological University	67	24.2 (-)	0.0740	36	13.0 (-)	0.0030	277
Tennessee Wesleyan College	2	9.1	0.3090	2	9.1	0.3090	22
TNTP - Memphis	0
TNTP - Nashville	0
Trevecca Nazarene University	13	21.7	0.6111	4	6.7 (-)	0.0079	60
Tusculum College	23	26.7 (-)	0.0976	7	8.1 (-)	0.0045	86
Union University	11	21.6	0.6295	12	23.5	0.4134	51
University of Memphis	31	20.0	0.9043	18	11.6 (-)	0.0082	155
University of Tennessee - Chattanooga	15	25.0	0.2612	6	10.0 (-)	0.0617	60
University of Tennessee - Knoxville	19	18.5	0.8044	13	12.6 (-)	0.0700	103
University of Tennessee - Martin	33	30.0 (-)	0.0088	15	13.6	0.1119	110
Vanderbilt University	1	3.5 (+)	0.0255	5	17.2	0.9268	29
Victory University	2
Welch College	3
Western Governors University Tennessee	4	40.0 (-)	0.0656	0	0.0	0.2147	10

Notes

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Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect of Beginning Teachers* to State Average for Transitional Licensed Teachers

*Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.

Subject	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers	Number of Institutions
Algebra I	0.3865	0.3865	0.8315	0.4091	60
Algebra II	-1.2257	-1.2257 (-)	-2.0849	0.0484	24
Biology I	0.826	0.826	1.6721	0.1053	30
Chemistry	1.3585	1.3585 (+)	3.2125	0.0030	33
EOC Composite	-0.8492	-0.8492 (-)	-3.2319	0.0014	274
English I	0.8137	0.8137 (+)	2.1567	0.0520	13
English II	0.7102	0.7102 (+)	3.8197	0.0014	18
English III	0.1477	0.1477	0.4363	0.6808	6
Math	0.5125	0.5125 (+)	1.9349	0.0548	158
Reading/Language	0.0948	0.0948	1.5092	0.1331	171
Science	0.3177	0.3177	1.1964	0.2336	141
TCAP Composite	-1.0412	-1.0412 (-)	-3.9827	0.0001	389

Notes

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Transitional Licensed Teachers:
Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers
from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data**

Subject: Algebra I (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	.	.	.	2
Belmont University	.	.	.	2
Bethel University	.	.	.	0
Bryan College	.	.	.	0
Carson-Newman University	.	.	.	3
Christian Brothers University	.	.	.	0
Cumberland University	.	.	.	1
East Tennessee State University	.	.	.	1
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	0
Johnson University	.	.	.	0
King University	.	.	.	1
Lee University	.	.	.	0
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	0
Lipscomb University	1.2995	1.2065	0.2278	15
Martin Methodist College	.	.	.	0
Maryville College	.	.	.	0
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	0
Middle Tennessee State University	.	.	.	2
Milligan College	.	.	.	0
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	-0.2834	-0.2718	0.7858	16
Teach for America – Nashville	1.2995	1.2065	0.2278	15
Teach Tennessee	-0.7158	-0.5691	0.5694	11
Tennessee State University	.	.	.	1
Tennessee Technological University	.	.	.	1
Tennessee Wesleyan College	.	.	.	0
TNTP - Memphis	.	.	.	0
TNTP - Nashville	2.0781	1.4090	0.1591	8
Trevecca Nazarene University	.	.	.	0

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Transitional Licensed Teachers:
Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers
from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data**

Subject: Algebra I (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Tusculum College	.	.	.	0
Union University	.	.	.	0
University of Memphis	-0.331	-0.1774	0.8592	5
University of Tennessee - Chattanooga	0.2718	0.1457	0.8842	5
University of Tennessee - Knoxville	.	.	.	1
University of Tennessee - Martin	.	.	.	4
Vanderbilt University	.	.	.	0
Victory University	.	.	.	0
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	0

Notes

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- + indicates a statistically significant positive relationship from the state distribution

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Transitional Licensed Teachers:
Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide
Distribution of 2014 - 2015 Teacher Valued-Added Data**

Subject: Algebra II (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	.	.	.	1
Belmont University	.	.	.	0
Bethel University	.	.	.	0
Bryan College	.	.	.	0
Carson-Newman University	.	.	.	0
Christian Brothers University	.	.	.	0
Cumberland University	.	.	.	0
East Tennessee State University	.	.	.	0
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	0
Johnson University	.	.	.	0
King University	.	.	.	0
Lee University	.	.	.	0
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	0
Lipscomb University	.	.	.	3
Martin Methodist College	.	.	.	0
Maryville College	.	.	.	0
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	0
Middle Tennessee State University	.	.	.	2
Milligan College	.	.	.	0
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	-2.1081	-1.3518	0.1768	9
Teach for America – Nashville	.	.	.	3
Teach Tennessee	-0.8122	-0.4910	0.6235	8
Tennessee State University	.	.	.	1
Tennessee Technological University	.	.	.	0
Tennessee Wesleyan College	.	.	.	0
TNTP - Memphis	.	.	.	0
TNTP - Nashville	-0.7568	-0.4280	0.6688	7
Trevecca Nazarene University	.	.	.	0
Tusculum College	.	.	.	0

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Transitional Licensed Teachers:
Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide
Distribution of 2014 - 2015 Teacher Valued-Added Data**

Subject: Algebra II (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Union University	.	.	.	0
University of Memphis	.	.	.	2
University of Tennessee - Chattanooga	.	.	.	0
University of Tennessee - Knoxville	.	.	.	1
University of Tennessee - Martin	.	.	.	1
Vanderbilt University	.	.	.	0
Victory University	.	.	.	0
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	0

Notes

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- indicates a statistically significant negative difference from the state distribution.
- + indicates a statistically significant positive relationship from the state distribution

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Transitional Licensed Teachers:
Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers
from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data**

Subject: Biology I (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	.	.	.	2
Belmont University	.	.	.	0
Bethel University	.	.	.	0
Bryan College	.	.	.	0
Carson-Newman University	.	.	.	1
Christian Brothers University	.	.	.	0
Cumberland University	.	.	.	0
East Tennessee State University	.	.	.	0
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	0
Johnson University	.	.	.	0
King University	.	.	.	0
Lee University	.	.	.	1
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	0
Lipscomb University	1.9384 (+)	1.6833	0.0926	9
Martin Methodist College	.	.	.	0
Maryville College	.	.	.	0
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	0
Middle Tennessee State University	.	.	.	1
Milligan College	.	.	.	0
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	-0.2774	-0.2088	0.8346	7
Teach for America – Nashville	1.7021	1.1865	0.2357	6
Teach Tennessee	0.5287	0.5212	0.6023	12
Tennessee State University	.	.	.	0
Tennessee Technological University	.	.	.	2
Tennessee Wesleyan College	.	.	.	0
TNTP - Memphis	.	.	.	0
TNTP - Nashville	1.3504	0.8593	0.3904	5
Trevecca Nazarene University	.	.	.	0
Tusculum College	.	.	.	0

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Transitional Licensed Teachers:
Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers
from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data**

Subject: Biology I (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Union University	.	.	.	2
University of Memphis	.	.	.	2
University of Tennessee - Chattanooga	.	.	.	0
University of Tennessee - Knoxville	.	.	.	1
University of Tennessee - Martin	.	.	.	4
Vanderbilt University	.	.	.	0
Victory University	.	.	.	0
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	0

Notes

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Transitional Licensed Teachers:
Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers
from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data**

Subject: Chemistry (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	3.3238 (+)	2.4961	0.0128	6
Belmont University	.	.	.	1
Bethel University	.	.	.	1
Bryan College	.	.	.	0
Carson-Newman University	.	.	.	1
Christian Brothers University	.	.	.	1
Cumberland University	.	.	.	0
East Tennessee State University	.	.	.	2
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	0
Johnson University	.	.	.	0
King University	.	.	.	1
Lee University	.	.	.	3
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	0
Lipscomb University	0.7223	0.7502	0.4534	11
Martin Methodist College	.	.	.	1
Maryville College	.	.	.	0
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	0
Middle Tennessee State University	.	.	.	3
Milligan College	.	.	.	0
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	-0.4402	-0.3018	0.7629	5
Teach for America – Nashville	1.1023	1.0138	0.3110	9
Teach Tennessee	1.4482	1.6008	0.1099	13
Tennessee State University	.	.	.	0
Tennessee Technological University	.	.	.	4
Tennessee Wesleyan College	.	.	.	0
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	2
Trevecca Nazarene University	.	.	.	0
Tusculum College	.	.	.	1

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Transitional Licensed Teachers:
Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers
from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data**

Subject: Chemistry (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Union University	.	.	.	0
University of Memphis	.	.	.	3
University of Tennessee - Chattanooga	.	.	.	4
University of Tennessee - Knoxville	.	.	.	4
University of Tennessee - Martin	.	.	.	3
Vanderbilt University	.	.	.	0
Victory University	.	.	.	1
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	0

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Transitional Licensed Teachers:
Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers
from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data**

Subject: EOC Composite (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	1.2079	0.9915	0.3215	11
Belmont University	.	.	.	4
Bethel University	.	.	.	2
Bryan College	.	.	.	0
Carson-Newman University	-1.5032	-1.0524	0.2927	8
Christian Brothers University	.	.	.	1
Cumberland University	.	.	.	3
East Tennessee State University	.	.	.	3
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	0
Johnson University	.	.	.	0
King University	.	.	.	2
Lee University	-2.7068	-1.4980	0.1342	5
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	0
Lipscomb University	-0.0003	-0.0006	0.9995	54
Martin Methodist College	.	.	.	1
Maryville College	.	.	.	0
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	0
Middle Tennessee State University	-1.7053	-1.4621	0.1438	12
Milligan College	.	.	.	0
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	-0.3549	-0.6515	0.5148	55
Teach for America – Nashville	0.0753	0.1251	0.9004	45
Teach Tennessee	-0.1366	-0.2138	0.8307	40
Tennessee State University	.	.	.	4
Tennessee Technological University	-3.3763 (-)	-2.5070	0.0122	9
Tennessee Wesleyan College	.	.	.	0
TNTP - Memphis	.	.	.	0
TNTP - Nashville	1.3568 (+)	1.8084	0.0706	29
Trevecca Nazarene University	.	.	.	0
Tusculum College	.	.	.	2

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Transitional Licensed Teachers:
Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers
from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data**

Subject: EOC Composite (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Union University	.	.	.	3
University of Memphis	-0.5482	-0.5428	0.5873	16
University of Tennessee - Chattanooga	-1.8423	-1.5796	0.1143	12
University of Tennessee - Knoxville	-1.0061	-0.7043	0.4813	8
University of Tennessee - Martin	-0.9702	-0.9300	0.3524	15
Vanderbilt University	.	.	.	0
Victory University	.	.	.	1
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	0

Notes

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Transitional Licensed Teachers:
Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers
from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data**

Subject: English I (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	.	.	.	0
Belmont University	.	.	.	1
Bethel University	.	.	.	0
Bryan College	.	.	.	0
Carson-Newman University	.	.	.	1
Christian Brothers University	.	.	.	0
Cumberland University	.	.	.	0
East Tennessee State University	.	.	.	0
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	0
Johnson University	.	.	.	0
King University	.	.	.	0
Lee University	.	.	.	0
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	0
Lipscomb University	0.308	0.4173	0.6765	9
Martin Methodist College	.	.	.	0
Maryville College	.	.	.	0
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	0
Middle Tennessee State University	.	.	.	2
Milligan College	.	.	.	0
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	1.0188	1.1024	0.2706	7
Teach for America – Nashville	0.6086	0.6097	0.5422	6
Teach Tennessee	.	.	.	0
Tennessee State University	.	.	.	2
Tennessee Technological University	.	.	.	1
Tennessee Wesleyan College	.	.	.	0
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	2
Trevecca Nazarene University	.	.	.	0
Tusculum College	.	.	.	0

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Transitional Licensed Teachers:
Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers
from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data**

Subject: English I (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Union University	.	.	.	0
University of Memphis	.	.	.	2
University of Tennessee - Chattanooga	.	.	.	1
University of Tennessee - Knoxville	.	.	.	1
University of Tennessee - Martin	.	.	.	2
Vanderbilt University	.	.	.	0
Victory University	.	.	.	0
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	0

Notes

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Transitional Licensed Teachers:
Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers
from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data**

Subject: English II (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	.	.	.	0
Belmont University	.	.	.	0
Bethel University	.	.	.	0
Bryan College	.	.	.	0
Carson-Newman University	.	.	.	2
Christian Brothers University	.	.	.	0
Cumberland University	.	.	.	1
East Tennessee State University	.	.	.	0
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	0
Johnson University	.	.	.	0
King University	.	.	.	0
Lee University	.	.	.	0
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	0
Lipscomb University	0.1021	0.1737	0.8622	8
Martin Methodist College	.	.	.	0
Maryville College	.	.	.	0
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	0
Middle Tennessee State University	.	.	.	2
Milligan College	.	.	.	0
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	1.3182 (+)	2.5067	0.0123	10
Teach for America – Nashville	0.1021	0.1737	0.8622	8
Teach Tennessee	.	.	.	0
Tennessee State University	.	.	.	1
Tennessee Technological University	.	.	.	2
Tennessee Wesleyan College	.	.	.	0
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	3
Trevecca Nazarene University	.	.	.	0
Tusculum College	.	.	.	1

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Transitional Licensed Teachers:
Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers
from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data**

Subject: English II (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Union University	.	.	.	0
University of Memphis	.	.	.	4
University of Tennessee - Chattanooga	.	.	.	2
University of Tennessee - Knoxville	.	.	.	0
University of Tennessee - Martin	.	.	.	0
Vanderbilt University	.	.	.	0
Victory University	.	.	.	0
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	0

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Transitional Licensed Teachers:
Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers
from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data**

Subject: English III (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	.	.	.	0
Belmont University	.	.	.	0
Bethel University	.	.	.	1
Bryan College	.	.	.	0
Carson-Newman University	.	.	.	1
Christian Brothers University	.	.	.	0
Cumberland University	.	.	.	1
East Tennessee State University	.	.	.	0
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	0
Johnson University	.	.	.	0
King University	.	.	.	0
Lee University	.	.	.	1
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	0
Lipscomb University	.	.	.	3
Martin Methodist College	.	.	.	0
Maryville College	.	.	.	0
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	0
Middle Tennessee State University	.	.	.	1
Milligan College	.	.	.	0
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	0.1477	0.1781	0.8587	6
Teach for America – Nashville	.	.	.	2
Teach Tennessee	.	.	.	0
Tennessee State University	.	.	.	1
Tennessee Technological University	.	.	.	1
Tennessee Wesleyan College	.	.	.	0
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	3
Trevecca Nazarene University	.	.	.	0
Tusculum College	.	.	.	0

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Transitional Licensed Teachers:
Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers
from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data**

Subject: English III (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Union University	.	.	.	1
University of Memphis	.	.	.	1
University of Tennessee - Chattanooga	.	.	.	0
University of Tennessee - Knoxville	.	.	.	0
University of Tennessee - Martin	.	.	.	2
Vanderbilt University	.	.	.	0
Victory University	.	.	.	0
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	0

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Transitional Licensed Teachers:
Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers
from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data**

Subject: Math (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	.	.	.	2
Belmont University	.	.	.	1
Bethel University	.	.	.	0
Bryan College	.	.	.	0
Carson-Newman University	.	.	.	1
Christian Brothers University	.	.	.	3
Cumberland University	0.0812	0.0568	0.9547	6
East Tennessee State University	.	.	.	0
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	0
Johnson University	.	.	.	0
King University	.	.	.	0
Lee University	.	.	.	4
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	0
Lipscomb University	0.3151	0.5924	0.5536	43
Martin Methodist College	.	.	.	0
Maryville College	.	.	.	0
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	0
Middle Tennessee State University	.	.	.	3
Milligan College	.	.	.	0
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	0.1171	0.2220	0.8243	44
Teach for America – Nashville	0.3035	0.5346	0.5930	38
Teach Tennessee	.	.	.	1
Tennessee State University	.	.	.	2
Tennessee Technological University	2.2489	1.4370	0.1508	5
Tennessee Wesleyan College	.	.	.	0
TNTP - Memphis	.	.	.	0
TNTP - Nashville	1.1232 (+)	2.1290	0.0333	44
Trevecca Nazarene University	.	.	.	2
Tusculum College	.	.	.	1

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Transitional Licensed Teachers:
Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers
from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data**

Subject: Math (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Union University	1.0824	0.7601	0.4472	6
University of Memphis	-1.26	-1.1386	0.2549	10
University of Tennessee - Chattanooga	.	.	.	4
University of Tennessee - Knoxville	.	.	.	1
University of Tennessee - Martin	.	.	.	3
Vanderbilt University	.	.	.	0
Victory University	.	.	.	0
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	0

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Transitional Licensed Teachers:
Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers
from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data**

Subject: Reading/Language (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	.	.	.	2
Belmont University	.	.	.	1
Bethel University	.	.	.	1
Bryan College	.	.	.	0
Carson-Newman University	.	.	.	0
Christian Brothers University	.	.	.	3
Cumberland University	.	.	.	4
East Tennessee State University	.	.	.	0
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	0
Johnson University	.	.	.	0
King University	.	.	.	0
Lee University	.	.	.	0
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	0
Lipscomb University	0.3935 (+)	2.0913	0.0365	68
Martin Methodist College	.	.	.	1
Maryville College	.	.	.	0
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	0
Middle Tennessee State University	.	.	.	1
Milligan College	.	.	.	0
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	0.0762	0.3348	0.7378	47
Teach for America – Nashville	0.459 (+)	2.3545	0.0186	64
Teach Tennessee	.	.	.	0
Tennessee State University	.	.	.	0
Tennessee Technological University	.	.	.	0
Tennessee Wesleyan College	.	.	.	0
TNTP - Memphis	.	.	.	0
TNTP - Nashville	0.252	1.0346	0.3009	41
Trevecca Nazarene University	.	.	.	1
Tusculum College	.	.	.	1

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Transitional Licensed Teachers:
Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers
from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data**

Subject: Reading/Language (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Union University	0.3248	0.5922	0.5537	8
University of Memphis	-0.6381	-1.3572	0.1748	11
University of Tennessee - Chattanooga	.	.	.	4
University of Tennessee - Knoxville	.	.	.	2
University of Tennessee - Martin	.	.	.	4
Vanderbilt University	.	.	.	0
Victory University	.	.	.	1
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	0

Notes

- . indicates an institution had fewer than 5 teachers
- indicates a statistically significant negative difference from the state distribution.
- + indicates a statistically significant positive relationship from the state distribution

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Transitional Licensed Teachers:
Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers
from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data**

Subject: Science (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	.	.	.	3
Belmont University	.	.	.	1
Bethel University	.	.	.	0
Bryan College	.	.	.	0
Carson-Newman University	.	.	.	0
Christian Brothers University	.	.	.	0
Cumberland University	.	.	.	3
East Tennessee State University	.	.	.	0
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	0
Johnson University	.	.	.	0
King University	.	.	.	0
Lee University	.	.	.	0
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	0
Lipscomb University	2.1237 (+)	3.3483	0.0008	46
Martin Methodist College	.	.	.	0
Maryville College	.	.	.	0
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	0
Middle Tennessee State University	.	.	.	2
Milligan College	.	.	.	2
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	1.282 (+)	2.0767	0.0379	48
Teach for America – Nashville	2.5869 (+)	3.7284	0.0002	38
Teach Tennessee	-1.4229	-0.8802	0.3788	7
Tennessee State University	.	.	.	2
Tennessee Technological University	.	.	.	1
Tennessee Wesleyan College	.	.	.	0
TNTP - Memphis	.	.	.	0
TNTP - Nashville	0.0931	0.1288	0.8975	35
Trevecca Nazarene University	.	.	.	1
Tusculum College	.	.	.	1

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Transitional Licensed Teachers:
Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers
from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data**

Subject: Science (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Union University	-0.5558	-0.2889	0.7726	5
University of Memphis	.	.	.	2
University of Tennessee - Chattanooga	.	.	.	3
University of Tennessee - Knoxville	.	.	.	0
University of Tennessee - Martin	.	.	.	3
Vanderbilt University	.	.	.	0
Victory University	.	.	.	0
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	0

Notes

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- + indicates a statistically significant positive relationship from the state distribution

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Transitional Licensed Teachers:
Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers
from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data**

Subject: TCAP Composite (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	-2.8363	-1.4827	0.1382	5
Belmont University	.	.	.	3
Bethel University	.	.	.	1
Bryan College	.	.	.	0
Carson-Newman University	.	.	.	1
Christian Brothers University	.	.	.	4
Cumberland University	0.1343	0.0888	0.9293	8
East Tennessee State University	.	.	.	0
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	0
Johnson University	.	.	.	0
King University	.	.	.	0
Lee University	.	.	.	3
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	0
Lipscomb University	1.0588 (+)	2.7571	0.0058	124
Martin Methodist College	.	.	.	1
Maryville College	.	.	.	0
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	0
Middle Tennessee State University	-1.3074	-0.6834	0.4943	5
Milligan College	.	.	.	1
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	-0.0295	-0.0686	0.9453	99
Teach for America – Nashville	1.1611 (+)	2.8983	0.0038	114
Teach Tennessee	-2.9754	-1.5554	0.1199	5
Tennessee State University	.	.	.	2
Tennessee Technological University	-0.3759	-0.1965	0.8442	5
Tennessee Wesleyan College	.	.	.	0
TNTP - Memphis	.	.	.	0
TNTP - Nashville	0.4943	1.1143	0.2652	93
Trevecca Nazarene University	.	.	.	2
Tusculum College	.	.	.	1

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Transitional Licensed Teachers:
Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers
from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data**

Subject: TCAP Composite (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Union University	0.2689	0.1989	0.8424	10
University of Memphis	-2.058 (-)	-2.0412	0.0412	18
University of Tennessee - Chattanooga	-3.132 (-)	-2.3154	0.0206	10
University of Tennessee - Knoxville	.	.	.	2
University of Tennessee - Martin	-2.7723 (-)	-1.7147	0.0864	7
Vanderbilt University	.	.	.	0
Victory University	.	.	.	1
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	0

Notes

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Algebra I (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	.	.	.	2
Belmont University	.	.	.	2
Bethel University	.	.	.	0
Bryan College	.	.	.	0
Carson-Newman University	.	.	.	3
Christian Brothers University	.	.	.	0
Cumberland University	.	.	.	1
East Tennessee State University	.	.	.	1
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	0
Johnson University	.	.	.	0
King University	.	.	.	1
Lee University	.	.	.	0
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	0
Lipscomb University	0.913	0.8575	0.3913	15
Martin Methodist College	.	.	.	0
Maryville College	.	.	.	0
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	0
Middle Tennessee State University	.	.	.	2
Milligan College	.	.	.	0
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	-0.67	-0.6431	0.5203	16
Teach for America – Nashville	0.913	0.8575	0.3913	15
Teach Tennessee	-1.1024	-0.9267	0.3542	11
Tennessee State University	.	.	.	1
Tennessee Technological University	.	.	.	1
Tennessee Wesleyan College	.	.	.	0
TNTP - Memphis	.	.	.	0
TNTP - Nashville	1.6916	1.2572	0.2089	8
Trevecca Nazarene University	.	.	.	0

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Algebra I (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Tusculum College	.	.	.	0
Union University	.	.	.	0
University of Memphis	-0.7175	-0.4383	0.6613	5
University of Tennessee - Chattanooga	-0.1148	-0.0701	0.9441	5
University of Tennessee - Knoxville	.	.	.	1
University of Tennessee - Martin	.	.	.	4
Vanderbilt University	.	.	.	0
Victory University	.	.	.	0
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	0

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Algebra II (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	.	.	.	1
Belmont University	.	.	.	0
Bethel University	.	.	.	0
Bryan College	.	.	.	0
Carson-Newman University	.	.	.	0
Christian Brothers University	.	.	.	0
Cumberland University	.	.	.	0
East Tennessee State University	.	.	.	0
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	0
Johnson University	.	.	.	0
King University	.	.	.	0
Lee University	.	.	.	0
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	0
Lipscomb University	.	.	.	3
Martin Methodist College	.	.	.	0
Maryville College	.	.	.	0
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	0
Middle Tennessee State University	.	.	.	2
Milligan College	.	.	.	0
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	-0.8824	-0.6704	0.5028	9
Teach for America – Nashville	.	.	.	3
Teach Tennessee	0.4135	0.3053	0.7602	8
Tennessee State University	.	.	.	1
Tennessee Technological University	.	.	.	0
Tennessee Wesleyan College	.	.	.	0
TNTP - Memphis	.	.	.	0
TNTP - Nashville	0.4689	0.3346	0.7380	7
Trevecca Nazarene University	.	.	.	0
Tusculum College	.	.	.	0

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Algebra II (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Union University	.	.	.	0
University of Memphis	.	.	.	2
University of Tennessee - Chattanooga	.	.	.	0
University of Tennessee - Knoxville	.	.	.	1
University of Tennessee - Martin	.	.	.	1
Vanderbilt University	.	.	.	0
Victory University	.	.	.	0
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	0

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Biology I (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	.	.	.	2
Belmont University	.	.	.	0
Bethel University	.	.	.	0
Bryan College	.	.	.	0
Carson-Newman University	.	.	.	1
Christian Brothers University	.	.	.	0
Cumberland University	.	.	.	0
East Tennessee State University	.	.	.	0
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	0
Johnson University	.	.	.	0
King University	.	.	.	0
Lee University	.	.	.	1
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	0
Lipscomb University	1.0533	1.0213	0.3074	9
Martin Methodist College	.	.	.	0
Maryville College	.	.	.	0
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	0
Middle Tennessee State University	.	.	.	1
Milligan College	.	.	.	0
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	-1.1033	-0.9533	0.3407	7
Teach for America – Nashville	0.8761	0.7186	0.4726	6
Teach Tennessee	-0.2973	-0.3015	0.7631	12
Tennessee State University	.	.	.	0
Tennessee Technological University	.	.	.	2
Tennessee Wesleyan College	.	.	.	0
TNTP - Memphis	.	.	.	0
TNTP - Nashville	0.5245	0.4032	0.6869	5
Trevecca Nazarene University	.	.	.	0

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Biology I (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Tusculum College	.	.	.	0
Union University	.	.	.	2
University of Memphis	.	.	.	2
University of Tennessee - Chattanooga	.	.	.	0
University of Tennessee - Knoxville	.	.	.	1
University of Tennessee - Martin	.	.	.	4
Vanderbilt University	.	.	.	0
Victory University	.	.	.	0
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	0

Notes

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Chemistry (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	1.9653 (+)	1.7540	0.0799	6
Belmont University	.	.	.	1
Bethel University	.	.	.	1
Bryan College	.	.	.	0
Carson-Newman University	.	.	.	1
Christian Brothers University	.	.	.	1
Cumberland University	.	.	.	0
East Tennessee State University	.	.	.	2
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	0
Johnson University	.	.	.	0
King University	.	.	.	1
Lee University	.	.	.	3
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	0
Lipscomb University	-0.5412	-0.6034	0.5464	11
Martin Methodist College	.	.	.	1
Maryville College	.	.	.	0
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	0
Middle Tennessee State University	.	.	.	3
Milligan College	.	.	.	0
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	-1.7987	-1.5027	0.1334	5
Teach for America – Nashville	-0.2563	-0.2616	0.7937	9
Teach Tennessee	0.0897	0.1016	0.9191	13
Tennessee State University	.	.	.	0
Tennessee Technological University	.	.	.	4
Tennessee Wesleyan College	.	.	.	0
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	2
Trevecca Nazarene University	.	.	.	0

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Chemistry (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Tusculum College	.	.	.	1
Union University	.	.	.	0
University of Memphis	.	.	.	3
University of Tennessee - Chattanooga	.	.	.	4
University of Tennessee - Knoxville	.	.	.	4
University of Tennessee - Martin	.	.	.	3
Vanderbilt University	.	.	.	0
Victory University	.	.	.	1
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	0

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: EOC Composite (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	2.057 (+)	1.7584	0.0787	11
Belmont University	.	.	.	4
Bethel University	.	.	.	2
Bryan College	.	.	.	0
Carson-Newman University	-0.6541	-0.4815	0.6302	8
Christian Brothers University	.	.	.	1
Cumberland University	.	.	.	3
East Tennessee State University	.	.	.	3
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	0
Johnson University	.	.	.	0
King University	.	.	.	2
Lee University	-1.8576	-1.0918	0.2750	5
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	0
Lipscomb University	0.8909	1.4944	0.1351	54
Martin Methodist College	.	.	.	1
Maryville College	.	.	.	0
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	0
Middle Tennessee State University	-0.8561	-0.7619	0.4461	12
Milligan College	.	.	.	0
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	0.4943	0.8344	0.4041	55
Teach for America – Nashville	0.9245	1.4484	0.1476	45
Teach Tennessee	0.7126	1.0667	0.2862	40
Tennessee State University	.	.	.	4
Tennessee Technological University	-2.5271 (-)	-1.9666	0.0493	9
Tennessee Wesleyan College	.	.	.	0
TNTP - Memphis	.	.	.	0
TNTP - Nashville	2.206 (+)	2.8991	0.0038	29
Trevecca Nazarene University	.	.	.	0

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: EOC Composite (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Tusculum College	.	.	.	2
Union University	.	.	.	3
University of Memphis	0.301	0.3054	0.7601	16
University of Tennessee - Chattanooga	-0.9931	-0.8839	0.3768	12
University of Tennessee - Knoxville	-0.1569	-0.1155	0.9081	8
University of Tennessee - Martin	-0.121	-0.1193	0.9051	15
Vanderbilt University	.	.	.	0
Victory University	.	.	.	1
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	0

Notes

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: English I (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	.	.	.	0
Belmont University	.	.	.	1
Bethel University	.	.	.	0
Bryan College	.	.	.	0
Carson-Newman University	.	.	.	1
Christian Brothers University	.	.	.	0
Cumberland University	.	.	.	0
East Tennessee State University	.	.	.	0
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	0
Johnson University	.	.	.	0
King University	.	.	.	0
Lee University	.	.	.	0
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	0
Lipscomb University	-0.3554	-0.6369	0.5243	9
Martin Methodist College	.	.	.	0
Maryville College	.	.	.	0
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	0
Middle Tennessee State University	.	.	.	2
Milligan College	.	.	.	0
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	0.2051	0.3016	0.7631	7
Teach for America – Nashville	-0.2051	-0.3016	0.7631	6
Teach Tennessee	.	.	.	0
Tennessee State University	.	.	.	2
Tennessee Technological University	.	.	.	1
Tennessee Wesleyan College	.	.	.	0
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	2
Trevecca Nazarene University	.	.	.	0

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: English I (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Tusculum College	.	.	.	0
Union University	.	.	.	0
University of Memphis	.	.	.	2
University of Tennessee - Chattanooga	.	.	.	1
University of Tennessee - Knoxville	.	.	.	1
University of Tennessee - Martin	.	.	.	2
Vanderbilt University	.	.	.	0
Victory University	.	.	.	0
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	0

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: English II (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	.	.	.	0
Belmont University	.	.	.	0
Bethel University	.	.	.	0
Bryan College	.	.	.	0
Carson-Newman University	.	.	.	2
Christian Brothers University	.	.	.	0
Cumberland University	.	.	.	1
East Tennessee State University	.	.	.	0
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	0
Johnson University	.	.	.	0
King University	.	.	.	0
Lee University	.	.	.	0
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	0
Lipscomb University	-0.608	-1.5417	0.1235	8
Martin Methodist College	.	.	.	0
Maryville College	.	.	.	0
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	0
Middle Tennessee State University	.	.	.	2
Milligan College	.	.	.	0
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	0.608	1.5417	0.1235	10
Teach for America – Nashville	-0.608	-1.5417	0.1235	8
Teach Tennessee	.	.	.	0
Tennessee State University	.	.	.	1
Tennessee Technological University	.	.	.	2
Tennessee Wesleyan College	.	.	.	0
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	3
Trevecca Nazarene University	.	.	.	0

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: English II (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Tusculum College	.	.	.	1
Union University	.	.	.	0
University of Memphis	.	.	.	4
University of Tennessee - Chattanooga	.	.	.	2
University of Tennessee - Knoxville	.	.	.	0
University of Tennessee - Martin	.	.	.	0
Vanderbilt University	.	.	.	0
Victory University	.	.	.	0
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	0

Notes

- . indicates an institution had fewer than 5 teachers.
- indicates a statistically significant negative difference from the reference population.
- + indicates a statistically significant positive relationship from the reference population.

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: English III (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	.	.	.	0
Belmont University	.	.	.	0
Bethel University	.	.	.	1
Bryan College	.	.	.	0
Carson-Newman University	.	.	.	1
Christian Brothers University	.	.	.	0
Cumberland University	.	.	.	1
East Tennessee State University	.	.	.	0
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	0
Johnson University	.	.	.	0
King University	.	.	.	0
Lee University	.	.	.	1
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	0
Lipscomb University	.	.	.	3
Martin Methodist College	.	.	.	0
Maryville College	.	.	.	0
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	0
Middle Tennessee State University	.	.	.	1
Milligan College	.	.	.	0
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	0 (-)	.	.	6
Teach for America – Nashville	.	.	.	2
Teach Tennessee	.	.	.	0
Tennessee State University	.	.	.	1
Tennessee Technological University	.	.	.	1
Tennessee Wesleyan College	.	.	.	0
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	3
Trevecca Nazarene University	.	.	.	0

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: English III (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Tusculum College	.	.	.	0
Union University	.	.	.	1
University of Memphis	.	.	.	1
University of Tennessee - Chattanooga	.	.	.	0
University of Tennessee - Knoxville	.	.	.	0
University of Tennessee - Martin	.	.	.	2
Vanderbilt University	.	.	.	0
Victory University	.	.	.	0
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	0

Notes

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Math (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	.	.	.	2
Belmont University	.	.	.	1
Bethel University	.	.	.	0
Bryan College	.	.	.	0
Carson-Newman University	.	.	.	1
Christian Brothers University	.	.	.	3
Cumberland University	-0.4437	-0.3406	0.7334	6
East Tennessee State University	.	.	.	0
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	0
Johnson University	.	.	.	0
King University	.	.	.	0
Lee University	.	.	.	4
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	0
Lipscomb University	-0.2328	-0.3801	0.7038	43
Martin Methodist College	.	.	.	0
Maryville College	.	.	.	0
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	0
Middle Tennessee State University	.	.	.	3
Milligan College	.	.	.	0
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	-0.4411	-0.7152	0.4745	44
Teach for America – Nashville	-0.226	-0.3516	0.7252	38
Teach Tennessee	.	.	.	1
Tennessee State University	.	.	.	2
Tennessee Technological University	1.8058	1.2762	0.2019	5
Tennessee Wesleyan College	.	.	.	0
TNTP - Memphis	.	.	.	0
TNTP - Nashville	0.6017	0.9756	0.3293	44
Trevecca Nazarene University	.	.	.	2

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Math (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Tusculum College	.	.	.	1
Union University	0.5385	0.4236	0.6719	6
University of Memphis	-1.7335 (-)	-1.6624	0.0965	10
University of Tennessee - Chattanooga	.	.	.	4
University of Tennessee - Knoxville	.	.	.	1
University of Tennessee - Martin	.	.	.	3
Vanderbilt University	.	.	.	0
Victory University	.	.	.	0
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	0

Notes

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Reading/Language (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	.	.	.	2
Belmont University	.	.	.	1
Bethel University	.	.	.	1
Bryan College	.	.	.	0
Carson-Newman University	.	.	.	0
Christian Brothers University	.	.	.	3
Cumberland University	.	.	.	4
East Tennessee State University	.	.	.	0
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	0
Johnson University	.	.	.	0
King University	.	.	.	0
Lee University	.	.	.	0
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	0
Lipscomb University	0.3151	1.4395	0.1501	68
Martin Methodist College	.	.	.	1
Maryville College	.	.	.	0
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	0
Middle Tennessee State University	.	.	.	1
Milligan College	.	.	.	0
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	-0.0205	-0.0852	0.9321	47
Teach for America – Nashville	0.3673 (+)	1.6454	0.0999	64
Teach Tennessee	.	.	.	0
Tennessee State University	.	.	.	0
Tennessee Technological University	.	.	.	0
Tennessee Wesleyan College	.	.	.	0
TNTP - Memphis	.	.	.	0
TNTP - Nashville	0.158	0.6314	0.5278	41
Trevecca Nazarene University	.	.	.	1

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Reading/Language (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Tusculum College	.	.	.	1
Union University	0.24	0.5271	0.5982	8
University of Memphis	-0.7318 (-)	-1.8304	0.0672	11
University of Tennessee - Chattanooga	.	.	.	4
University of Tennessee - Knoxville	.	.	.	2
University of Tennessee - Martin	.	.	.	4
Vanderbilt University	.	.	.	0
Victory University	.	.	.	1
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	0

Notes

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Science (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	.	.	.	3
Belmont University	.	.	.	1
Bethel University	.	.	.	0
Bryan College	.	.	.	0
Carson-Newman University	.	.	.	0
Christian Brothers University	.	.	.	0
Cumberland University	.	.	.	3
East Tennessee State University	.	.	.	0
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	0
Johnson University	.	.	.	0
King University	.	.	.	0
Lee University	.	.	.	0
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	0
Lipscomb University	1.8222 (+)	2.4704	0.0135	46
Martin Methodist College	.	.	.	0
Maryville College	.	.	.	0
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	0
Middle Tennessee State University	.	.	.	2
Milligan College	.	.	.	2
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	0.92	1.2671	0.2052	48
Teach for America – Nashville	2.2511 (+)	2.9216	0.0035	38
Teach Tennessee	-1.6753	-1.1827	0.2370	7
Tennessee State University	.	.	.	2
Tennessee Technological University	.	.	.	1
Tennessee Wesleyan College	.	.	.	0
TNTP - Memphis	.	.	.	0
TNTP - Nashville	-0.2484	-0.3152	0.7527	35
Trevecca Nazarene University	.	.	.	1

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Science (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Tusculum College	.	.	.	1
Union University	-0.8843	-0.5582	0.5767	5
University of Memphis	.	.	.	2
University of Tennessee - Chattanooga	.	.	.	3
University of Tennessee - Knoxville	.	.	.	0
University of Tennessee - Martin	.	.	.	3
Vanderbilt University	.	.	.	0
Victory University	.	.	.	0
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	0

Notes

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- + indicates a statistically significant positive relationship from the reference population.

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: TCAP Composite (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	-1.7951	-0.9952	0.3197	5
Belmont University	.	.	.	3
Bethel University	.	.	.	1
Bryan College	.	.	.	0
Carson-Newman University	.	.	.	1
Christian Brothers University	.	.	.	4
Cumberland University	1.1755	0.8126	0.4165	8
East Tennessee State University	.	.	.	0
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	0
Johnson University	.	.	.	0
King University	.	.	.	0
Lee University	.	.	.	3
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	0
Lipscomb University	2.1864 (+)	4.0278	0.0001	124
Martin Methodist College	.	.	.	1
Maryville College	.	.	.	0
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	0
Middle Tennessee State University	-0.2662	-0.1476	0.8827	5
Milligan College	.	.	.	1
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	1.0117 (+)	1.8063	0.0709	99
Teach for America – Nashville	2.2023 (+)	4.0677	0.0000	114
Teach Tennessee	-1.9342	-1.0723	0.2836	5
Tennessee State University	.	.	.	2
Tennessee Technological University	0.6653	0.3688	0.7123	5
Tennessee Wesleyan College	.	.	.	0
TNTP - Memphis	.	.	.	0
TNTP - Nashville	1.5355 (+)	2.6984	0.0070	93
Trevecca Nazarene University	.	.	.	2

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: TCAP Composite (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Tusculum College	.	.	.	1
Union University	1.3965	1.0724	0.2836	10
University of Memphis	-1.0168	-1.0081	0.3134	18
University of Tennessee - Chattanooga	-2.0908	-1.6010	0.1094	10
University of Tennessee - Knoxville	.	.	.	2
University of Tennessee - Martin	-1.7311	-1.1247	0.2607	7
Vanderbilt University	.	.	.	0
Victory University	.	.	.	1
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	0

Notes

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- + indicates a statistically significant positive relationship from the reference population.

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Algebra I (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Aquinas College	0
Austin Peay State University	2
Belmont University	2
Bethel University	0
Bryan College	0
Carson-Newman University	3
Christian Brothers University	0
Cumberland University	1
East Tennessee State University	1
Fisk University	0
Freed-Hardeman University	0
Johnson University	0
King University	1
Lee University	0
Lemoyne-Owen College	0
Lincoln Memorial University	0
Lipscomb University	2	13.3	0.7960	6	40.0 (+)	0.0361	15
Martin Methodist College	0
Maryville College	0
Memphis College of Art	0
Memphis Teacher Residency	0
Middle Tennessee State University	2
Milligan College	0
South College	0
Southern Adventist University	0
Teach for America – Memphis	5	31.3	0.1634	4	25.0	0.4035	16
Teach for America – Nashville	2	13.3	0.7960	6	40.0 (+)	0.0361	15
Teach Tennessee	3	27.3	0.3223	0	0.0	0.1718	11

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Algebra I (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Tennessee State University	1
Tennessee Technological University	1
Tennessee Wesleyan College	0
TNTP - Memphis	0
TNTP - Nashville	2	25.0	0.4062	4	50.0 (+)	0.0208	8
Trevecca Nazarene University	0
Tusculum College	0
Union University	0
University of Memphis	2	40.0	0.1158	1	20.0	0.5254	5
University of Tennessee - Chattanooga	0	0.0	0.6554	0	0.0	0.6554	5
University of Tennessee - Knoxville	1
University of Tennessee - Martin	4
Vanderbilt University	0
Victory University	0
Welch College	0
Western Governors University Tennessee	0

Notes

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+ indicates a statistically significant positive relationship from the reference population.

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Algebra II (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Aquinas College	0
Austin Peay State University	1
Belmont University	0
Bethel University	0
Bryan College	0
Carson-Newman University	0
Christian Brothers University	0
Cumberland University	0
East Tennessee State University	0
Fisk University	0
Freed-Hardeman University	0
Johnson University	0
King University	0
Lee University	0
Lemoyne-Owen College	0
Lincoln Memorial University	0
Lipscomb University	3
Martin Methodist College	0
Maryville College	0
Memphis College of Art	0
Memphis Teacher Residency	0
Middle Tennessee State University	2
Milligan College	0
South College	0
Southern Adventist University	0
Teach for America – Memphis	3	33.3	0.1713	2	22.2	0.5236	9
Teach for America – Nashville	3
Teach Tennessee	2	25.0	0.4062	0	0.0	0.3355	8

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Algebra II (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Tennessee State University	1
Tennessee Technological University	0
Tennessee Wesleyan College	0
TNTP - Memphis	0
TNTP - Nashville	2	28.6	0.2961	1	14.3	0.8466	7
Trevecca Nazarene University	0
Tusculum College	0
Union University	0
University of Memphis	2
University of Tennessee - Chattanooga	0
University of Tennessee - Knoxville	1
University of Tennessee - Martin	1
Vanderbilt University	0
Victory University	0
Welch College	0
Western Governors University Tennessee	0

Notes

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Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Biology I (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Aquinas College	0
Austin Peay State University	2
Belmont University	0
Bethel University	0
Bryan College	0
Carson-Newman University	1
Christian Brothers University	0
Cumberland University	0
East Tennessee State University	0
Fisk University	0
Freed-Hardeman University	0
Johnson University	0
King University	0
Lee University	1
Lemoyne-Owen College	0
Lincoln Memorial University	0
Lipscomb University	1	11.1	0.8724	4	44.4 (+)	0.0392	9
Martin Methodist College	0
Maryville College	0
Memphis College of Art	0
Memphis Teacher Residency	0
Middle Tennessee State University	1
Milligan College	0
South College	0
Southern Adventist University	0
Teach for America – Memphis	3	42.9 (-)	0.0667	3	42.9 (+)	0.0667	7
Teach for America – Nashville	1	16.7	0.6893	2	33.3	0.1978	6
Teach Tennessee	4	33.3	0.1451	3	25.0	0.4109	12

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Biology I (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Tennessee State University	0
Tennessee Technological University	2
Tennessee Wesleyan College	0
TNTP - Memphis	0
TNTP - Nashville	0	0.0	0.6554	3	60.0 (+)	0.0134	5
Trevecca Nazarene University	0
Tusculum College	0
Union University	2
University of Memphis	2
University of Tennessee - Chattanooga	0
University of Tennessee - Knoxville	1
University of Tennessee - Martin	4
Vanderbilt University	0
Victory University	0
Welch College	0
Western Governors University Tennessee	0

Notes

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+ indicates a statistically significant positive relationship from the reference population.

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Chemistry (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Aquinas College	0
Austin Peay State University	0	0.0	0.5243	3	50.0 (+)	0.0339	6
Belmont University	1
Bethel University	1
Bryan College	0
Carson-Newman University	1
Christian Brothers University	1
Cumberland University	0
East Tennessee State University	2
Fisk University	0
Freed-Hardeman University	0
Johnson University	0
King University	1
Lee University	3
Lemoyne-Owen College	0
Lincoln Memorial University	0
Lipscomb University	1	9.1	0.6442	3	27.3	0.3223	11
Martin Methodist College	1
Maryville College	0
Memphis College of Art	0
Memphis Teacher Residency	0
Middle Tennessee State University	3
Milligan College	0
South College	0
Southern Adventist University	0
Teach for America – Memphis	0	0.0	0.6554	0	0.0	0.6554	5
Teach for America – Nashville	1	11.1	0.8724	3	33.3	0.1713	9
Teach Tennessee	2	15.4	0.9967	5	38.5 (+)	0.0601	13

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Chemistry (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Tennessee State University	0
Tennessee Technological University	4
Tennessee Wesleyan College	0
TNTP - Memphis	0
TNTP - Nashville	2
Trevecca Nazarene University	0
Tusculum College	1
Union University	0
University of Memphis	3
University of Tennessee - Chattanooga	4
University of Tennessee - Knoxville	4
University of Tennessee - Martin	3
Vanderbilt University	0
Victory University	1
Welch College	0
Western Governors University Tennessee	0

Notes

. indicates an institution had fewer than 5 teachers.

- indicates a statistically significant negative difference from the reference population.

+ indicates a statistically significant positive relationship from the reference population.

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: EOC Composite (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Aquinas College	0
Austin Peay State University	1	9.1	0.6442	4	36.4	0.1008	11
Belmont University	4
Bethel University	2
Bryan College	0
Carson-Newman University	4	50.0 (-)	0.0208	2	25.0	0.4062	8
Christian Brothers University	1
Cumberland University	3
East Tennessee State University	3
Fisk University	0
Freed-Hardeman University	0
Johnson University	0
King University	2
Lee University	2	40.0	0.1158	0	0.0	0.6554	5
Lemoyne-Owen College	0
Lincoln Memorial University	0
Lipscomb University	11	20.4	0.7871	13	24.1	0.3550	54
Martin Methodist College	1
Maryville College	0
Memphis College of Art	0
Memphis Teacher Residency	0
Middle Tennessee State University	6	50.0 (-)	0.0078	2	16.7	0.8833	12
Milligan College	0
South College	0
Southern Adventist University	0
Teach for America – Memphis	14	25.5	0.2419	12	21.8	0.5959	55
Teach for America – Nashville	10	22.2	0.5591	12	26.7	0.1989	45
Teach Tennessee	12	30.0 (-)	0.0865	11	27.5	0.1750	40

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: EOC Composite (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Tennessee State University	4
Tennessee Technological University	5	55.6 (-)	0.0061	0	0.0	0.2684	9
Tennessee Wesleyan College	0
TNTP - Memphis	0
TNTP - Nashville	4	13.8	0.5679	10	34.5 (+)	0.0394	29
Trevecca Nazarene University	0
Tusculum College	2
Union University	3
University of Memphis	4	25.0	0.4035	3	18.8	0.8037	16
University of Tennessee - Chattanooga	4	33.3	0.1451	1	8.3	0.5498	12
University of Tennessee - Knoxville	4	50.0 (-)	0.0208	2	25.0	0.4062	8
University of Tennessee - Martin	5	33.3	0.1221	2	13.3	0.7960	15
Vanderbilt University	0
Victory University	1
Welch College	0
Western Governors University Tennessee	0

Notes

. indicates an institution had fewer than 5 teachers.

- indicates a statistically significant negative difference from the reference population.

+ indicates a statistically significant positive relationship from the reference population.

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: English I (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Aquinas College	0
Austin Peay State University	0
Belmont University	1
Bethel University	0
Bryan College	0
Carson-Newman University	1
Christian Brothers University	0
Cumberland University	0
East Tennessee State University	0
Fisk University	0
Freed-Hardeman University	0
Johnson University	0
King University	0
Lee University	0
Lemoyne-Owen College	0
Lincoln Memorial University	0
Lipscomb University	3	33.3	0.1713	3	33.3	0.1713	9
Martin Methodist College	0
Maryville College	0
Memphis College of Art	0
Memphis Teacher Residency	0
Middle Tennessee State University	2
Milligan College	0
South College	0
Southern Adventist University	0
Teach for America – Memphis	1	14.3	0.8466	4	57.1 (+)	0.0093	7
Teach for America – Nashville	3	50.0 (-)	0.0339	3	50.0 (+)	0.0339	6
Teach Tennessee	0

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: English I (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Tennessee State University	2
Tennessee Technological University	1
Tennessee Wesleyan College	0
TNTP - Memphis	0
TNTP - Nashville	2
Trevecca Nazarene University	0
Tusculum College	0
Union University	0
University of Memphis	2
University of Tennessee - Chattanooga	1
University of Tennessee - Knoxville	1
University of Tennessee - Martin	2
Vanderbilt University	0
Victory University	0
Welch College	0
Western Governors University Tennessee	0

Notes

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- indicates a statistically significant negative difference from the reference population.
- + indicates a statistically significant positive relationship from the reference population.

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: English II (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Aquinas College	0
Austin Peay State University	0
Belmont University	0
Bethel University	0
Bryan College	0
Carson-Newman University	2
Christian Brothers University	0
Cumberland University	1
East Tennessee State University	0
Fisk University	0
Freed-Hardeman University	0
Johnson University	0
King University	0
Lee University	0
Lemoyne-Owen College	0
Lincoln Memorial University	0
Lipscomb University	3	37.5	0.1126	2	25.0	0.4062	8
Martin Methodist College	0
Maryville College	0
Memphis College of Art	0
Memphis Teacher Residency	0
Middle Tennessee State University	2
Milligan College	0
South College	0
Southern Adventist University	0
Teach for America – Memphis	0	0.0	0.2147	5	50.0 (+)	0.0127	10
Teach for America – Nashville	3	37.5	0.1126	2	25.0	0.4062	8
Teach Tennessee	0

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: English II (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Tennessee State University	1
Tennessee Technological University	2
Tennessee Wesleyan College	0
TNTP - Memphis	0
TNTP - Nashville	3
Trevecca Nazarene University	0
Tusculum College	1
Union University	0
University of Memphis	4
University of Tennessee - Chattanooga	2
University of Tennessee - Knoxville	0
University of Tennessee - Martin	0
Vanderbilt University	0
Victory University	0
Welch College	0
Western Governors University Tennessee	0

Notes

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Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: English III (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Aquinas College	0
Austin Peay State University	0
Belmont University	0
Bethel University	1
Bryan College	0
Carson-Newman University	1
Christian Brothers University	0
Cumberland University	1
East Tennessee State University	0
Fisk University	0
Freed-Hardeman University	0
Johnson University	0
King University	0
Lee University	1
Lemoyne-Owen College	0
Lincoln Memorial University	0
Lipscomb University	3
Martin Methodist College	0
Maryville College	0
Memphis College of Art	0
Memphis Teacher Residency	0
Middle Tennessee State University	1
Milligan College	0
South College	0
Southern Adventist University	0
Teach for America – Memphis	2	33.3	0.1978	2	33.3	0.1978	6
Teach for America – Nashville	2
Teach Tennessee	0

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: English III (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Tennessee State University	1
Tennessee Technological University	1
Tennessee Wesleyan College	0
TNTP - Memphis	0
TNTP - Nashville	3
Trevecca Nazarene University	0
Tusculum College	0
Union University	1
University of Memphis	1
University of Tennessee - Chattanooga	0
University of Tennessee - Knoxville	0
University of Tennessee - Martin	2
Vanderbilt University	0
Victory University	0
Welch College	0
Western Governors University Tennessee	0

Notes

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+ indicates a statistically significant positive relationship from the reference population.

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Math (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Aquinas College	0
Austin Peay State University	2
Belmont University	1
Bethel University	0
Bryan College	0
Carson-Newman University	1
Christian Brothers University	3
Cumberland University	0	0.0	0.5243	0	0.0	0.5243	6
East Tennessee State University	0
Fisk University	0
Freed-Hardeman University	0
Johnson University	0
King University	0
Lee University	4
Lemoyne-Owen College	0
Lincoln Memorial University	0
Lipscomb University	11	25.6	0.2711	10	23.3	0.4577	43
Martin Methodist College	0
Maryville College	0
Memphis College of Art	0
Memphis Teacher Residency	0
Middle Tennessee State University	3
Milligan College	0
South College	0
Southern Adventist University	0
Teach for America – Memphis	9	20.5	0.7652	10	22.7	0.5075	44
Teach for America – Nashville	10	26.3	0.2438	9	23.7	0.4311	38
Teach Tennessee	1

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Math (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Tennessee State University	2
Tennessee Technological University	0	0.0	0.6554	2	40.0	0.1158	5
Tennessee Wesleyan College	0
TNTP - Memphis	0
TNTP - Nashville	5	11.4	0.2035	12	27.3	0.1715	44
Trevecca Nazarene University	2
Tusculum College	1
Union University	0	0.0	0.5243	2	33.3	0.1978	6
University of Memphis	1	10.0	0.7516	0	0.0	0.2147	10
University of Tennessee - Chattanooga	4
University of Tennessee - Knoxville	1
University of Tennessee - Martin	3
Vanderbilt University	0
Victory University	0
Welch College	0
Western Governors University Tennessee	0

Notes

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+ indicates a statistically significant positive relationship from the reference population.

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Reading/Language (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Aquinas College	0
Austin Peay State University	2
Belmont University	1
Bethel University	1
Bryan College	0
Carson-Newman University	0
Christian Brothers University	3
Cumberland University	4
East Tennessee State University	0
Fisk University	0
Freed-Hardeman University	0
Johnson University	0
King University	0
Lee University	0
Lemoyne-Owen College	0
Lincoln Memorial University	0
Lipscomb University	11	16.2	0.5367	20	29.4 (+)	0.0443	68
Martin Methodist College	1
Maryville College	0
Memphis College of Art	0
Memphis Teacher Residency	0
Middle Tennessee State University	1
Milligan College	0
South College	0
Southern Adventist University	0
Teach for America – Memphis	11	23.4	0.4347	8	17.0	0.7686	47
Teach for America – Nashville	11	17.2	0.7046	20	31.3 (+)	0.0219	64
Teach Tennessee	0

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Reading/Language (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Tennessee State University	0
Tennessee Technological University	0
Tennessee Wesleyan College	0
TNTP - Memphis	0
TNTP - Nashville	7	17.1	0.8138	10	24.4	0.3645	41
Trevecca Nazarene University	1
Tusculum College	1
Union University	0	0.0	0.3355	1	12.5	0.9934	8
University of Memphis	2	18.2	0.7652	0	0.0	0.1718	11
University of Tennessee - Chattanooga	4
University of Tennessee - Knoxville	2
University of Tennessee - Martin	4
Vanderbilt University	0
Victory University	1
Welch College	0
Western Governors University Tennessee	0

Notes

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- indicates a statistically significant negative difference from the reference population.

+ indicates a statistically significant positive relationship from the reference population.

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Science (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Aquinas College	0
Austin Peay State University	3
Belmont University	1
Bethel University	0
Bryan College	0
Carson-Newman University	0
Christian Brothers University	0
Cumberland University	3
East Tennessee State University	0
Fisk University	0
Freed-Hardeman University	0
Johnson University	0
King University	0
Lee University	0
Lemoyne-Owen College	0
Lincoln Memorial University	0
Lipscomb University	4	8.7 (+)	0.0663	15	32.6 (+)	0.0276	46
Martin Methodist College	0
Maryville College	0
Memphis College of Art	0
Memphis Teacher Residency	0
Middle Tennessee State University	2
Milligan College	2
South College	0
Southern Adventist University	0
Teach for America – Memphis	5	10.4	0.1243	12	25.0	0.2958	48
Teach for America – Nashville	4	10.5	0.1971	14	36.8 (+)	0.0091	38
Teach Tennessee	2	28.6	0.2961	0	0.0	0.4194	7

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Science (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Tennessee State University	2
Tennessee Technological University	1
Tennessee Wesleyan College	0
TNTP - Memphis	0
TNTP - Nashville	7	20.0	0.8013	7	20.0	0.8013	35
Trevecca Nazarene University	1
Tusculum College	1
Union University	0	0.0	0.6554	0	0.0	0.6554	5
University of Memphis	2
University of Tennessee - Chattanooga	3
University of Tennessee - Knoxville	0
University of Tennessee - Martin	3
Vanderbilt University	0
Victory University	0
Welch College	0
Western Governors University Tennessee	0

Notes

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- indicates a statistically significant negative difference from the reference population.

+ indicates a statistically significant positive relationship from the reference population.

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: TCAP Composite (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Aquinas College	0
Austin Peay State University	2	40.0	0.1158	1	20.0	0.5254	5
Belmont University	3
Bethel University	1
Bryan College	0
Carson-Newman University	1
Christian Brothers University	4
Cumberland University	1	12.5	0.9934	2	25.0	0.4062	8
East Tennessee State University	0
Fisk University	0
Freed-Hardeman University	0
Johnson University	0
King University	0
Lee University	3
Lemoyne-Owen College	0
Lincoln Memorial University	0
Lipscomb University	18	14.5	0.1495	31	25.0	0.1389	124
Martin Methodist College	1
Maryville College	0
Memphis College of Art	0
Memphis Teacher Residency	0
Middle Tennessee State University	0	0.0	0.6554	0	0.0	0.6554	5
Milligan College	1
South College	0
Southern Adventist University	0
Teach for America – Memphis	16	16.2	0.4115	13	13.1	0.1032	99
Teach for America – Nashville	18	15.8	0.3135	29	25.4	0.1236	114
Teach Tennessee	2	40.0	0.1158	0	0.0	0.6554	5

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: TCAP Composite (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Tennessee State University	2
Tennessee Technological University	1	20.0	0.5254	1	20.0	0.5254	5
Tennessee Wesleyan College	0
TNTP - Memphis	0
TNTP - Nashville	15	16.1	0.4270	23	24.7	0.2086	93
Trevecca Nazarene University	2
Tusculum College	1
Union University	1	10.0	0.7516	1	10.0	0.7516	10
University of Memphis	4	22.2	0.5673	0	0.0 (-)	0.0360	18
University of Tennessee - Chattanooga	4	40.0 (-)	0.0656	0	0.0	0.2147	10
University of Tennessee - Knoxville	2
University of Tennessee - Martin	2	28.6	0.2961	0	0.0	0.4194	7
Vanderbilt University	0
Victory University	1
Welch College	0
Western Governors University Tennessee	0

Notes

. indicates an institution had fewer than 5 teachers.

- indicates a statistically significant negative difference from the reference population.

+ indicates a statistically significant positive relationship from the reference population.

Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect of Beginning Teachers* to State Average for Apprentice and Transitional Licensed Teachers

*Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.

Subject	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers	Number of Institutions
Algebra I	-0.3226	-0.3226	-0.9708	0.3329	185
Algebra II	-0.969	-0.969 (-)	-1.7819	0.0790	73
Biology I	0.3613	0.3613	1.0270	0.3074	85
Chemistry	0.2484	0.2484	0.6028	0.5482	86
EOC Composite	-0.7124	-0.7124 (-)	-4.2104	0.0000	844
English I	0.0548	0.0548	0.2575	0.7972	130
English II	-0.2505	-0.2505	-1.1773	0.2417	107
English III	0.0386	0.0386	0.2252	0.8226	65
Math	-0.1672	-0.1672	-1.4208	0.1557	1155
Reading/Language	-0.1844	-0.1844 (-)	-3.1562	0.0016	1254
Science	0.0219	0.0219	0.1393	0.8892	1001
TCAP Composite	-0.7688	-0.7688 (-)	-8.0217	0.0000	2259

Notes

. indicates an institution had fewer than 5 teachers.

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+ indicates a statistically significant positive relationship from the reference population.

Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice and Transitional Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: Algebra I (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	-1.4768	-1.1586	0.2468	8
Belmont University	.	.	.	3
Bethel University	.	.	.	1
Bryan College	.	.	.	1
Carson-Newman University	0.8336	0.6540	0.5132	8
Christian Brothers University	.	.	.	1
Cumberland University	.	.	.	4
East Tennessee State University	-0.7711	-0.7711	0.4408	13
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	4
Johnson University	.	.	.	0
King University	.	.	.	1
Lee University	.	.	.	3
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	2
Lipscomb University	0.4229	0.5600	0.5756	23
Martin Methodist College	.	.	.	0
Maryville College	.	.	.	2
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	1
Middle Tennessee State University	-1.4009	-1.3461	0.1785	12
Milligan College	.	.	.	2
South College	.	.	.	0
Southern Adventist University	.	.	.	1
Teach for America – Memphis	-0.2834	-0.3145	0.7532	16
Teach for America – Nashville	1.2995	1.3960	0.1629	15
Teach Tennessee	-0.7158	-0.6585	0.5103	11
Tennessee State University	.	.	.	2
Tennessee Technological University	-1.3019	-1.3020	0.1931	13
Tennessee Wesleyan College	0.5853	0.3977	0.6909	6
TNTP - Memphis	.	.	.	0
TNTP - Nashville	2.0781	1.6304	0.1033	8

Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice and Transitional Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: Algebra I (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Trevecca Nazarene University	.	.	.	1
Tusculum College	.	.	.	2
Union University	.	.	.	1
University of Memphis	-0.964	-0.7563	0.4496	8
University of Tennessee - Chattanooga	0.3672	0.3056	0.7600	9
University of Tennessee - Knoxville	-0.2935	-0.4231	0.6723	27
University of Tennessee - Martin	-0.5707	-0.5250	0.5996	11
Vanderbilt University	-1.3256	-1.2737	0.2030	12
Victory University	.	.	.	0
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	2

Notes

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- + indicates a statistically significant positive relationship from the state distribution

Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice and Transitional Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: Algebra II (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	.	.	.	2
Belmont University	.	.	.	2
Bethel University	.	.	.	1
Bryan College	.	.	.	0
Carson-Newman University	.	.	.	2
Christian Brothers University	.	.	.	1
Cumberland University	.	.	.	0
East Tennessee State University	.	.	.	3
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	1
Johnson University	.	.	.	0
King University	.	.	.	0
Lee University	.	.	.	1
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	2
Lipscomb University	.	.	.	4
Martin Methodist College	.	.	.	0
Maryville College	.	.	.	0
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	2
Middle Tennessee State University	-0.5902	-0.4579	0.6471	11
Milligan College	.	.	.	0
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	-2.1081	-1.4795	0.1394	9
Teach for America – Nashville	.	.	.	3
Teach Tennessee	-0.8122	-0.5375	0.5911	8
Tennessee State University	.	.	.	1
Tennessee Technological University	-2.2199	-1.1613	0.2458	5
Tennessee Wesleyan College	.	.	.	3
TNTP - Memphis	.	.	.	0
TNTP - Nashville	-0.7568	-0.4684	0.6396	7
Trevecca Nazarene University	.	.	.	0
Tusculum College	.	.	.	2

Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice and Transitional Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: Algebra II (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Union University	.	.	.	3
University of Memphis	0.7402	0.4241	0.6716	6
University of Tennessee - Chattanooga	0.4844	0.3399	0.7340	9
University of Tennessee - Knoxville	-1.4477	-1.1233	0.2616	11
University of Tennessee - Martin	.	.	.	3
Vanderbilt University	-2.0102	-1.2442	0.2138	7
Victory University	.	.	.	0
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	0

Notes

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Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice and Transitional Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: Biology I (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	1.0996	1.2078	0.2274	8
Belmont University	.	.	.	2
Bethel University	.	.	.	2
Bryan College	.	.	.	1
Carson-Newman University	-0.2818	-0.2447	0.8067	5
Christian Brothers University	.	.	.	0
Cumberland University	.	.	.	1
East Tennessee State University	1.3254	1.3618	0.1736	7
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	1
Johnson University	.	.	.	0
King University	.	.	.	1
Lee University	.	.	.	1
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	2
Lipscomb University	1.9119 (+)	2.2674	0.0236	10
Martin Methodist College	.	.	.	1
Maryville College	.	.	.	1
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	2
Middle Tennessee State University	-0.4959	-0.5777	0.5636	9
Milligan College	.	.	.	0
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	-0.2774	-0.2850	0.7757	7
Teach for America – Nashville	1.7021	1.6190	0.1058	6
Teach Tennessee	0.5287	0.7112	0.4771	12
Tennessee State University	.	.	.	1
Tennessee Technological University	-0.4849	-0.7045	0.4813	14
Tennessee Wesleyan College	.	.	.	1
TNTP - Memphis	.	.	.	0
TNTP - Nashville	1.3504	1.1726	0.2413	5
Trevecca Nazarene University	.	.	.	2
Tusculum College	.	.	.	0

Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice and Transitional Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: Biology I (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Union University	-0.6093	-0.5109	0.6095	5
University of Memphis	.	.	.	3
University of Tennessee - Chattanooga	.	.	.	2
University of Tennessee - Knoxville	-0.0929	-0.0807	0.9357	5
University of Tennessee - Martin	-0.3995	-0.4105	0.6816	7
Vanderbilt University	.	.	.	0
Victory University	.	.	.	0
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	1

Notes

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Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice and Transitional Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: Chemistry (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	2.6301 (+)	2.0564	0.0401	7
Belmont University	.	.	.	2
Bethel University	.	.	.	1
Bryan College	.	.	.	0
Carson-Newman University	.	.	.	4
Christian Brothers University	.	.	.	1
Cumberland University	.	.	.	1
East Tennessee State University	.	.	.	4
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	2
Johnson University	.	.	.	0
King University	.	.	.	3
Lee University	.	.	.	4
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	1
Lipscomb University	0.7223	0.7141	0.4754	11
Martin Methodist College	.	.	.	2
Maryville College	.	.	.	0
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	0
Middle Tennessee State University	0.6256	0.4892	0.6249	7
Milligan College	.	.	.	2
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	-0.4402	-0.2909	0.7712	5
Teach for America – Nashville	1.1023	0.9773	0.3288	9
Teach Tennessee	1.4482	1.5431	0.1233	13
Tennessee State University	.	.	.	0
Tennessee Technological University	-2.2366 (-)	-2.2897	0.0224	12
Tennessee Wesleyan College	.	.	.	1
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	2
Trevecca Nazarene University	.	.	.	0
Tusculum College	.	.	.	1

Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice and Transitional Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: Chemistry (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Union University	.	.	.	2
University of Memphis	-0.0323	-0.0234	0.9813	6
University of Tennessee - Chattanooga	-2.5886 (-)	-2.1638	0.0308	8
University of Tennessee - Knoxville	0.1764	0.1806	0.8567	12
University of Tennessee - Martin	1.7988	1.4065	0.1601	7
Vanderbilt University	.	.	.	2
Victory University	.	.	.	1
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	0

Notes

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Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice and Transitional Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: EOC Composite (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	1
Austin Peay State University	0.4189	0.7708	0.4409	39
Belmont University	-1.18	-1.2537	0.2100	13
Bethel University	-0.4045	-0.3154	0.7525	7
Bryan College	.	.	.	4
Carson-Newman University	-1.2952 (-)	-2.0195	0.0435	28
Christian Brothers University	.	.	.	4
Cumberland University	-1.9245 (-)	-1.8808	0.0601	11
East Tennessee State University	-0.2268	-0.4582	0.6468	47
Fisk University	.	.	.	0
Freed-Hardeman University	-1.3116	-1.1594	0.2463	9
Johnson University	.	.	.	2
King University	-1.8368	-1.6237	0.1045	9
Lee University	-1.6971 (-)	-2.0619	0.0393	17
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	-2.0752 (-)	-2.2047	0.0275	13
Lipscomb University	-0.17	-0.4181	0.6759	70
Martin Methodist College	-1.4817	-1.1551	0.2481	7
Maryville College	1.3527	0.9763	0.3289	6
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	1.8826 (+)	1.7542	0.0794	10
Middle Tennessee State University	-0.8017 (-)	-1.9623	0.0498	69
Milligan College	-1.2189	-1.1357	0.2561	10
South College	.	.	.	0
Southern Adventist University	.	.	.	1
Teach for America – Memphis	-0.3549	-0.7756	0.4380	55
Teach for America – Nashville	0.0753	0.1489	0.8816	45
Teach Tennessee	-0.1366	-0.2545	0.7991	40
Tennessee State University	-0.809	-0.6742	0.5002	8
Tennessee Technological University	-1.1902 (-)	-2.7837	0.0054	63
Tennessee Wesleyan College	0.5184	0.6481	0.5170	18
TNTP - Memphis	.	.	.	0
TNTP - Nashville	1.3568 (+)	2.1530	0.0314	29
Trevecca Nazarene University	-1.0182	-0.9951	0.3197	11
Tusculum College	-2.7991 (-)	-2.0203	0.0434	6

Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice and Transitional Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: EOC Composite (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Union University	0.1407	0.1802	0.8570	19
University of Memphis	-0.3123	-0.5124	0.6084	31
University of Tennessee - Chattanooga	-1.4335 (-)	-2.8648	0.0042	46
University of Tennessee - Knoxville	-0.0719	-0.1907	0.8488	81
University of Tennessee - Martin	-0.5571	-1.1608	0.2458	50
Vanderbilt University	-1.1456 (-)	-1.9096	0.0562	32
Victory University	.	.	.	1
Welch College	.	.	.	2
Western Governors University Tennessee	.	.	.	3

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Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice and Transitional Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: English I (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	1
Austin Peay State University	0.3929	0.5690	0.5695	6
Belmont University	.	.	.	1
Bethel University	.	.	.	0
Bryan College	.	.	.	2
Carson-Newman University	.	.	.	3
Christian Brothers University	.	.	.	0
Cumberland University	.	.	.	3
East Tennessee State University	-0.5163	-1.0574	0.2906	12
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	2
Johnson University	.	.	.	2
King University	.	.	.	2
Lee University	-0.0523	-0.0691	0.9449	5
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	2
Lipscomb University	0.6211	1.3298	0.1839	13
Martin Methodist College	.	.	.	2
Maryville College	.	.	.	1
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	2
Middle Tennessee State University	0.0771	0.1987	0.8425	19
Milligan College	.	.	.	1
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	1.0188	1.5936	0.1114	7
Teach for America – Nashville	0.6086	0.8813	0.3784	6
Teach Tennessee	.	.	.	0
Tennessee State University	.	.	.	3
Tennessee Technological University	-0.4378	-0.8585	0.3908	11
Tennessee Wesleyan College	0.7721	1.0208	0.3076	5
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	2
Trevecca Nazarene University	-1.1085	-1.4654	0.1431	5
Tusculum College	.	.	.	0

Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice and Transitional Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: English I (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Union University	.	.	.	3
University of Memphis	0.4796	0.6341	0.5262	5
University of Tennessee - Chattanooga	-0.9896 (-)	-1.6548	0.0983	8
University of Tennessee - Knoxville	-0.0124	-0.0294	0.9765	16
University of Tennessee - Martin	-0.1607	-0.3005	0.7639	10
Vanderbilt University	0.1185	0.1982	0.8430	8
Victory University	.	.	.	0
Welch College	.	.	.	1
Western Governors University Tennessee	.	.	.	0

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Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice and Transitional Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: English II (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	0.8153	1.2030	0.2293	7
Belmont University	.	.	.	3
Bethel University	.	.	.	1
Bryan College	.	.	.	0
Carson-Newman University	-1.1496	-1.5705	0.1166	6
Christian Brothers University	.	.	.	1
Cumberland University	.	.	.	2
East Tennessee State University	-0.1284	-0.2149	0.8299	9
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	1
Johnson University	.	.	.	0
King University	.	.	.	3
Lee University	.	.	.	3
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	4
Lipscomb University	0.0016	0.0032	0.9975	13
Martin Methodist College	.	.	.	4
Maryville College	.	.	.	1
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	2
Middle Tennessee State University	-1.3062 (-)	-2.1854	0.0291	9
Milligan College	.	.	.	4
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	1.3182 (+)	2.3249	0.0203	10
Teach for America – Nashville	0.1021	0.1611	0.8721	8
Teach Tennessee	.	.	.	0
Tennessee State University	.	.	.	2
Tennessee Technological University	-0.3482	-0.6141	0.5393	10
Tennessee Wesleyan College	-0.2209	-0.2755	0.7830	5
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	3
Trevecca Nazarene University	.	.	.	3
Tusculum College	.	.	.	2

Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice and Transitional Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: English II (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Union University	.	.	.	3
University of Memphis	.	.	.	4
University of Tennessee - Chattanooga	-1.8449 (-)	-3.4126	0.0007	11
University of Tennessee - Knoxville	-0.273	-0.6277	0.5304	17
University of Tennessee - Martin	0.1891	0.3335	0.7388	10
Vanderbilt University	.	.	.	2
Victory University	.	.	.	0
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	0

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Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice and Transitional Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: English III (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	0.958 (+)	1.8674	0.0622	7
Belmont University	.	.	.	0
Bethel University	.	.	.	2
Bryan College	.	.	.	1
Carson-Newman University	.	.	.	4
Christian Brothers University	.	.	.	0
Cumberland University	.	.	.	1
East Tennessee State University	-0.14	-0.2916	0.7706	8
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	0
Johnson University	.	.	.	0
King University	.	.	.	0
Lee University	.	.	.	3
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	2
Lipscomb University	-0.1536	-0.2407	0.8099	5
Martin Methodist College	.	.	.	1
Maryville College	.	.	.	2
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	1
Middle Tennessee State University	-0.1615	-0.4121	0.6803	12
Milligan College	.	.	.	2
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	0.1477	0.2665	0.7899	6
Teach for America – Nashville	.	.	.	2
Teach Tennessee	.	.	.	0
Tennessee State University	.	.	.	1
Tennessee Technological University	-0.2585	-0.5039	0.6144	7
Tennessee Wesleyan College	.	.	.	1
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	3
Trevecca Nazarene University	.	.	.	3
Tusculum College	.	.	.	0

Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice and Transitional Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: English III (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Union University	.	.	.	3
University of Memphis	.	.	.	4
University of Tennessee - Chattanooga	-0.5217	-0.9415	0.3467	6
University of Tennessee - Knoxville	0.0081	0.0188	0.9850	10
University of Tennessee - Martin	0.277	0.6122	0.5406	9
Vanderbilt University	.	.	.	4
Victory University	.	.	.	0
Welch College	.	.	.	1
Western Governors University Tennessee	.	.	.	0

Notes

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Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice and Transitional Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: Math (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	-0.9073 (-)	-1.8867	0.0592	41
Belmont University	1.5669 (+)	1.8348	0.0666	13
Bethel University	0.0919	0.0731	0.9417	6
Bryan College	.	.	.	4
Carson-Newman University	0.0231	0.0360	0.9713	23
Christian Brothers University	0.2842	0.3061	0.7596	11
Cumberland University	1.0697	1.2526	0.2104	13
East Tennessee State University	-0.8043 (-)	-1.8098	0.0704	48
Fisk University	.	.	.	0
Freed-Hardeman University	-0.1957	-0.2696	0.7875	18
Johnson University	-0.7681	-0.7484	0.4543	9
King University	.	.	.	4
Lee University	0.2858	0.6227	0.5335	45
Lemoyne-Owen College	.	.	.	4
Lincoln Memorial University	-0.9772 (-)	-1.8231	0.0683	33
Lipscomb University	-0.0623	-0.1761	0.8602	76
Martin Methodist College	.	.	.	3
Maryville College	-1.9278	-1.3999	0.1616	5
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	2.154 (+)	2.3200	0.0204	11
Middle Tennessee State University	-0.3468	-1.2939	0.1957	132
Milligan College	-1.2227	-1.1913	0.2336	9
South College	-0.7288	-0.8534	0.3935	13
Southern Adventist University	.	.	.	0
Teach for America – Memphis	0.1171	0.2523	0.8008	44
Teach for America – Nashville	0.3035	0.6075	0.5435	38
Teach Tennessee	.	.	.	1
Tennessee State University	0.5971	1.0621	0.2882	30
Tennessee Technological University	-0.5998 (-)	-2.5246	0.0116	168
Tennessee Wesleyan College	0.4675	0.5681	0.5700	14
TNTP - Memphis	.	.	.	0
TNTP - Nashville	1.1232 (+)	2.4195	0.0156	44
Trevecca Nazarene University	-0.9288	-1.5960	0.1105	28
Tusculum College	-1.0519 (-)	-2.3668	0.0180	48

Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice and Transitional Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: Math (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Union University	0.3689	0.6868	0.4922	33
University of Memphis	-0.4372	-1.3396	0.1804	89
University of Tennessee - Chattanooga	-0.5883	-1.0109	0.3121	28
University of Tennessee - Knoxville	-0.5579	-1.3798	0.1677	58
University of Tennessee - Martin	-0.9067 (-)	-2.3739	0.0176	65
Vanderbilt University	0.6336	0.6825	0.4949	11
Victory University	.	.	.	2
Welch College	.	.	.	2
Western Governors University Tennessee	.	.	.	4

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Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice and Transitional Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: Reading/Language (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	-0.575 (-)	-2.5075	0.0122	39
Belmont University	0.5232	1.2657	0.2057	12
Bethel University	-0.3252	-0.7181	0.4727	10
Bryan College	-1.3454 (-)	-2.3013	0.0214	6
Carson-Newman University	-0.4166	-1.0488	0.2943	13
Christian Brothers University	0.1889	0.4172	0.6765	10
Cumberland University	0.0533	0.1579	0.8745	18
East Tennessee State University	-0.1541	-0.8677	0.3856	65
Fisk University	.	.	.	0
Freed-Hardeman University	-0.1236	-0.3761	0.7068	19
Johnson University	-0.2002	-0.3954	0.6925	8
King University	-0.2051	-0.3790	0.7047	7
Lee University	-0.2761	-1.3497	0.1772	49
Lemoyne-Owen College	.	.	.	1
Lincoln Memorial University	-0.0098	-0.0411	0.9672	36
Lipscomb University	0.202	1.3342	0.1822	90
Martin Methodist College	.	.	.	4
Maryville College	-0.5052	-0.7888	0.4302	5
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	0.3012	0.8146	0.4153	15
Middle Tennessee State University	-0.2676 (-)	-2.2034	0.0276	139
Milligan College	-1.3344 (-)	-2.2826	0.0225	6
South College	0.1137	0.2634	0.7923	11
Southern Adventist University	.	.	.	0
Teach for America – Memphis	0.0762	0.3646	0.7154	47
Teach for America – Nashville	0.459 (+)	2.5640	0.0104	64
Teach Tennessee	.	.	.	0
Tennessee State University	-0.1657	-0.6442	0.5195	31
Tennessee Technological University	-0.2389 (-)	-2.0768	0.0379	155
Tennessee Wesleyan College	-0.1672	-0.4368	0.6622	14
TNTP - Memphis	.	.	.	0
TNTP - Nashville	0.252	1.1267	0.2599	41
Trevecca Nazarene University	-0.0848	-0.4187	0.6755	50
Tusculum College	-0.0402	-0.2025	0.8395	52

Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice and Transitional Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: Reading/Language (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Union University	-0.062	-0.2519	0.8011	34
University of Memphis	-0.1547	-1.0857	0.2776	101
University of Tennessee - Chattanooga	-0.6656 (-)	-2.6699	0.0076	33
University of Tennessee - Knoxville	0.0698	0.3987	0.6901	67
University of Tennessee - Martin	-0.6465 (-)	-3.4380	0.0006	58
Vanderbilt University	0.4185	1.3392	0.1805	21
Victory University	.	.	.	1
Welch College	.	.	.	1
Western Governors University Tennessee	-0.0453	-0.0837	0.9333	7

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Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice and Transitional Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: Science (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	0.3242	0.5850	0.5586	34
Belmont University	-0.081	-0.0663	0.9471	7
Bethel University	0.1452	0.1556	0.8763	12
Bryan College	.	.	.	4
Carson-Newman University	-0.2881	-0.2957	0.7675	11
Christian Brothers University	0.6509	0.4504	0.6524	5
Cumberland University	0.4062	0.3326	0.7395	7
East Tennessee State University	0.5905	1.2659	0.2056	48
Fisk University	.	.	.	0
Freed-Hardeman University	0.0573	0.0709	0.9435	16
Johnson University	-0.5591	-0.3868	0.6989	5
King University	.	.	.	2
Lee University	-0.8448	-1.4555	0.1456	31
Lemoyne-Owen College	.	.	.	2
Lincoln Memorial University	-0.0658	-0.1058	0.9157	27
Lipscomb University	1.0363 (+)	2.7150	0.0066	73
Martin Methodist College	-0.3324	-0.2910	0.7711	8
Maryville College	0.3301	0.2284	0.8194	5
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	2.158	1.4931	0.1354	5
Middle Tennessee State University	-0.1187	-0.4204	0.6742	131
Milligan College	0.2658	0.2728	0.7850	11
South College	-0.5675	-0.6083	0.5430	12
Southern Adventist University	.	.	.	0
Teach for America – Memphis	1.282 (+)	2.7485	0.0060	48
Teach for America – Nashville	2.5869 (+)	4.9346	0.0000	38
Teach Tennessee	-1.4229	-1.1649	0.2441	7
Tennessee State University	-0.8084	-1.4586	0.1447	34
Tennessee Technological University	-0.6499 (-)	-2.4050	0.0162	143
Tennessee Wesleyan College	-1.0872	-1.0092	0.3129	9
TNTP - Memphis	.	.	.	0
TNTP - Nashville	0.0931	0.1705	0.8646	35
Trevecca Nazarene University	-0.5861	-0.9596	0.3373	28
Tusculum College	-0.7144	-1.2308	0.2184	31

Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice and Transitional Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: Science (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Union University	0.5849	0.7609	0.4467	18
University of Memphis	-0.1169	-0.2982	0.7656	68
University of Tennessee - Chattanooga	0.6995	1.1454	0.2521	28
University of Tennessee - Knoxville	-0.1098	-0.2425	0.8084	51
University of Tennessee - Martin	0.1323	0.3119	0.7551	58
Vanderbilt University	.	.	.	4
Victory University	.	.	.	1
Welch College	.	.	.	1
Western Governors University Tennessee	.	.	.	4

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Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice and Transitional Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: TCAP Composite (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	-1.6145 (-)	-4.0088	0.0001	84
Belmont University	1.1067	1.4990	0.1339	25
Bethel University	0.1454	0.1671	0.8673	18
Bryan College	-0.9811	-0.7032	0.4819	7
Carson-Newman University	-0.4185	-0.6803	0.4963	36
Christian Brothers University	-1.164	-1.3379	0.1810	18
Cumberland University	0.2028	0.2748	0.7835	25
East Tennessee State University	-0.5738 (-)	-1.6524	0.0985	113
Fisk University	.	.	.	0
Freed-Hardeman University	-1.0824 (-)	-1.6587	0.0972	32
Johnson University	-2.3995 (-)	-2.2519	0.0243	12
King University	0.3877	0.3483	0.7276	11
Lee University	-1.3949 (-)	-3.2944	0.0010	76
Lemoyne-Owen College	.	.	.	4
Lincoln Memorial University	-0.8992 (-)	-1.9336	0.0532	63
Lipscomb University	0.4371	1.5349	0.1248	169
Martin Methodist College	-0.687	-0.5885	0.5562	10
Maryville College	-2.0349 (-)	-1.6538	0.0982	9
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	1.3508 (+)	1.8660	0.0621	26
Middle Tennessee State University	-1.0349 (-)	-4.4416	0.0000	251
Milligan College	-2.1381 (-)	-2.4575	0.0140	18
South College	-0.4318	-0.5232	0.6009	20
Southern Adventist University	.	.	.	0
Teach for America – Memphis	-0.0295	-0.0795	0.9366	99
Teach for America – Nashville	1.1611 (+)	3.3586	0.0008	114
Teach Tennessee	-2.9754 (-)	-1.8024	0.0715	5
Tennessee State University	-0.9834 (-)	-1.8264	0.0678	47
Tennessee Technological University	-1.2468 (-)	-5.6724	0.0000	282
Tennessee Wesleyan College	-0.6442	-0.8186	0.4130	22
TNTP - Memphis	.	.	.	0
TNTP - Nashville	0.4943	1.2913	0.1966	93
Trevecca Nazarene University	-1.271 (-)	-2.7112	0.0067	62
Tusculum College	-1.5648 (-)	-3.9539	0.0001	87

Tennessee Higher Education Study

Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect for Apprentice and Transitional Licensed Teachers: Beginning Teachers* Mean by Institution Compared to the State Mean of Teachers from the Statewide Distribution of 2014 - 2015 Teacher Valued-Added Data

Subject: TCAP Composite (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Union University	0.6043	1.2749	0.2024	61
University of Memphis	-0.8498 (-)	-3.0282	0.0025	173
University of Tennessee - Chattanooga	-1.2286 (-)	-2.7847	0.0054	70
University of Tennessee - Knoxville	-0.7508 (-)	-2.0844	0.0371	105
University of Tennessee - Martin	-1.3356 (-)	-3.9138	0.0001	117
Vanderbilt University	0.629	0.9176	0.3588	29
Victory University	.	.	.	3
Welch College	.	.	.	3
Western Governors University Tennessee	-2.4078 (-)	-2.0627	0.0392	10

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice and Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Algebra I (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	-1.1542	-0.9420	0.3464	8
Belmont University	.	.	.	3
Bethel University	.	.	.	1
Bryan College	.	.	.	1
Carson-Newman University	1.1562	0.9436	0.3456	8
Christian Brothers University	.	.	.	1
Cumberland University	.	.	.	4
East Tennessee State University	-0.4485	-0.4590	0.6463	13
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	4
Johnson University	.	.	.	0
King University	.	.	.	1
Lee University	.	.	.	3
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	2
Lipscomb University	0.744	0.9793	0.3276	23
Martin Methodist College	.	.	.	0
Maryville College	.	.	.	2
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	1
Middle Tennessee State University	-1.0784	-1.0639	0.2876	12
Milligan College	.	.	.	2
South College	.	.	.	0
Southern Adventist University	.	.	.	1
Teach for America – Memphis	0.0391	0.0440	0.9649	16
Teach for America – Nashville	1.6221 (+)	1.7720	0.0766	15
Teach Tennessee	-0.3933	-0.3727	0.7094	11
Tennessee State University	.	.	.	2
Tennessee Technological University	-0.9793	-1.0024	0.3164	13
Tennessee Wesleyan College	0.9078	0.6459	0.5184	6
TNTP - Memphis	.	.	.	0
TNTP - Nashville	2.4007 (+)	1.9593	0.0503	8
Trevecca Nazarene University	.	.	.	1

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice and Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Algebra I (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Tusculum College	.	.	.	2
Union University	.	.	.	1
University of Memphis	-0.6414	-0.5235	0.6007	8
University of Tennessee - Chattanooga	0.6898	0.5951	0.5519	9
University of Tennessee - Knoxville	0.029	0.0410	0.9673	27
University of Tennessee - Martin	-0.2482	-0.2352	0.8141	11
Vanderbilt University	-1.003	-0.9895	0.3226	12
Victory University	.	.	.	0
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	2

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice and Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Algebra II (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	.	.	.	2
Belmont University	.	.	.	2
Bethel University	.	.	.	1
Bryan College	.	.	.	0
Carson-Newman University	.	.	.	2
Christian Brothers University	.	.	.	1
Cumberland University	.	.	.	0
East Tennessee State University	.	.	.	3
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	1
Johnson University	.	.	.	0
King University	.	.	.	0
Lee University	.	.	.	1
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	2
Lipscomb University	.	.	.	4
Martin Methodist College	.	.	.	0
Maryville College	.	.	.	0
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	2
Middle Tennessee State University	0.3788	0.3034	0.7616	11
Milligan College	.	.	.	0
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	-1.1391	-0.8385	0.4020	9
Teach for America – Nashville	.	.	.	3
Teach Tennessee	0.1567	0.1096	0.9127	8
Tennessee State University	.	.	.	1
Tennessee Technological University	-1.251	-0.7095	0.4782	5
Tennessee Wesleyan College	.	.	.	3
TNTP - Memphis	.	.	.	0
TNTP - Nashville	0.2121	0.1400	0.8887	7
Trevecca Nazarene University	.	.	.	0
Tusculum College	.	.	.	2

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice and Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Algebra II (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from State Average	T-Value of Difference	P-Value	Number of Teachers in Institution
Union University	.	.	.	3
University of Memphis	1.7091	1.0529	0.2927	6
University of Tennessee - Chattanooga	1.4533	1.0698	0.2850	9
University of Tennessee - Knoxville	-0.4787	-0.3835	0.7015	11
University of Tennessee - Martin	.	.	.	3
Vanderbilt University	-1.0412	-0.6871	0.4922	7
Victory University	.	.	.	0
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	0

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice and Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Biology I (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	0.7384	0.8441	0.3988	8
Belmont University	.	.	.	2
Bethel University	.	.	.	2
Bryan College	.	.	.	1
Carson-Newman University	-0.6431	-0.5940	0.5527	5
Christian Brothers University	.	.	.	0
Cumberland University	.	.	.	1
East Tennessee State University	0.9642	1.0385	0.2993	7
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	1
Johnson University	.	.	.	0
King University	.	.	.	1
Lee University	.	.	.	1
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	2
Lipscomb University	1.614 (+)	1.9610	0.0502	10
Martin Methodist College	.	.	.	1
Maryville College	.	.	.	1
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	2
Middle Tennessee State University	-0.8571	-1.0320	0.3023	9
Milligan College	.	.	.	0
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	-0.6386	-0.6878	0.4917	7
Teach for America – Nashville	1.3408	1.3467	0.1784	6
Teach Tennessee	0.1674	0.2281	0.8197	12
Tennessee State University	.	.	.	1
Tennessee Technological University	-0.8462	-1.2284	0.2196	14
Tennessee Wesleyan College	.	.	.	1
TNTP - Memphis	.	.	.	0
TNTP - Nashville	0.9892	0.9137	0.3611	5
Trevecca Nazarene University	.	.	.	2

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice and Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Biology I (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Tusculum College	.	.	.	0
Union University	-0.9071	-0.8050	0.4211	5
University of Memphis	.	.	.	3
University of Tennessee - Chattanooga	.	.	.	2
University of Tennessee - Knoxville	-0.4542	-0.4195	0.6749	5
University of Tennessee - Martin	-0.7608	-0.8194	0.4128	7
Vanderbilt University	.	.	.	0
Victory University	.	.	.	0
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	1

Notes

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice and Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Chemistry (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	2.3817 (+)	1.9748	0.0487	7
Belmont University	.	.	.	2
Bethel University	.	.	.	1
Bryan College	.	.	.	0
Carson-Newman University	.	.	.	4
Christian Brothers University	.	.	.	1
Cumberland University	.	.	.	1
East Tennessee State University	.	.	.	4
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	2
Johnson University	.	.	.	0
King University	.	.	.	3
Lee University	.	.	.	4
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	1
Lipscomb University	0.512	0.5226	0.6014	11
Martin Methodist College	.	.	.	2
Maryville College	.	.	.	0
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	0
Middle Tennessee State University	0.3773	0.3128	0.7545	7
Milligan College	.	.	.	2
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	-0.6885	-0.4896	0.6246	5
Teach for America – Nashville	0.8539	0.7915	0.4289	9
Teach Tennessee	1.1998	1.3009	0.1937	13
Tennessee State University	.	.	.	0
Tennessee Technological University	-2.485 (-)	-2.6060	0.0094	12
Tennessee Wesleyan College	.	.	.	1
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	2
Trevecca Nazarene University	.	.	.	0

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice and Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Chemistry (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Tusculum College	.	.	.	1
Union University	.	.	.	2
University of Memphis	-0.2807	-0.2170	0.8282	6
University of Tennessee - Chattanooga	-2.837 (-)	-2.4969	0.0128	8
University of Tennessee - Knoxville	-0.0719	-0.0754	0.9399	12
University of Tennessee - Martin	1.5504	1.2856	0.1991	7
Vanderbilt University	.	.	.	2
Victory University	.	.	.	1
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	0

Notes

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice and Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: EOC Composite (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	1
Austin Peay State University	1.1313 (+)	2.0606	0.0394	39
Belmont University	-0.4676	-0.5060	0.6128	13
Bethel University	0.3079	0.2461	0.8056	7
Bryan College	.	.	.	4
Carson-Newman University	-0.5828	-0.9103	0.3627	28
Christian Brothers University	.	.	.	4
Cumberland University	-1.2121	-1.2093	0.2266	11
East Tennessee State University	0.4856	0.9628	0.3357	47
Fisk University	.	.	.	0
Freed-Hardeman University	-0.5992	-0.5420	0.5879	9
Johnson University	.	.	.	2
King University	-1.1244	-1.0170	0.3092	9
Lee University	-0.9847	-1.2131	0.2251	17
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	-1.3628	-1.4748	0.1403	13
Lipscomb University	0.5771	1.3601	0.1739	70
Martin Methodist College	-0.7693	-0.6150	0.5385	7
Maryville College	2.0651	1.5304	0.1260	6
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	2.595 (+)	2.4714	0.0135	10
Middle Tennessee State University	-0.0893	-0.2098	0.8338	69
Milligan College	-0.5065	-0.4823	0.6296	10
South College	.	.	.	0
Southern Adventist University	.	.	.	1
Teach for America – Memphis	0.3575	0.7604	0.4471	55
Teach for America – Nashville	0.7877	1.5315	0.1257	45
Teach Tennessee	0.5758	1.0611	0.2887	40
Tennessee State University	-0.0966	-0.0825	0.9343	8
Tennessee Technological University	-0.4778	-1.0789	0.2807	63
Tennessee Wesleyan College	1.2308	1.5584	0.1192	18
TNTP - Memphis	.	.	.	0
TNTP - Nashville	2.0692 (+)	3.2854	0.0010	29
Trevecca Nazarene University	-0.3058	-0.3051	0.7603	11

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice and Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: EOC Composite (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Tusculum College	-2.0867	-1.5464	0.1221	6
Union University	0.8877	1.1525	0.2492	19
University of Memphis	0.4001	0.6553	0.5123	31
University of Tennessee - Chattanooga	-0.7211	-1.4159	0.1569	46
University of Tennessee - Knoxville	0.6405	1.6105	0.1073	81
University of Tennessee - Martin	0.1553	0.3166	0.7516	50
Vanderbilt University	-0.4332	-0.7202	0.4714	32
Victory University	.	.	.	1
Welch College	.	.	.	2
Western Governors University Tennessee	.	.	.	3

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice and Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: English I (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	1
Austin Peay State University	0.3381	0.5101	0.6101	6
Belmont University	.	.	.	1
Bethel University	.	.	.	0
Bryan College	.	.	.	2
Carson-Newman University	.	.	.	3
Christian Brothers University	.	.	.	0
Cumberland University	.	.	.	3
East Tennessee State University	-0.5711	-1.1836	0.2369	12
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	2
Johnson University	.	.	.	2
King University	.	.	.	2
Lee University	-0.1071	-0.1482	0.8822	5
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	2
Lipscomb University	0.6067	1.3132	0.1894	13
Martin Methodist College	.	.	.	2
Maryville College	.	.	.	1
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	2
Middle Tennessee State University	0.0223	0.0564	0.9551	19
Milligan College	.	.	.	1
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	0.964	1.5630	0.1184	7
Teach for America – Nashville	0.5538	0.8354	0.4037	6
Teach Tennessee	.	.	.	0
Tennessee State University	.	.	.	3
Tennessee Technological University	-0.4926	-0.9821	0.3263	11
Tennessee Wesleyan College	0.7173	0.9928	0.3211	5
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	2
Trevecca Nazarene University	-1.1633	-1.6100	0.1077	5

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice and Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: English I (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Tusculum College	.	.	.	0
Union University	.	.	.	3
University of Memphis	0.4248	0.5880	0.5567	5
University of Tennessee - Chattanooga	-1.0444 (-)	-1.8014	0.0719	8
University of Tennessee - Knoxville	-0.0672	-0.1580	0.8745	16
University of Tennessee - Martin	-0.2155	-0.4116	0.6807	10
Vanderbilt University	0.0637	0.1099	0.9125	8
Victory University	.	.	.	0
Welch College	.	.	.	1
Western Governors University Tennessee	.	.	.	0

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice and Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: English II (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	1.0658 (+)	1.6516	0.0989	7
Belmont University	.	.	.	3
Bethel University	.	.	.	1
Bryan College	.	.	.	0
Carson-Newman University	-0.8991	-1.2975	0.1948	6
Christian Brothers University	.	.	.	1
Cumberland University	.	.	.	2
East Tennessee State University	0.1221	0.2120	0.8321	9
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	1
Johnson University	.	.	.	0
King University	.	.	.	3
Lee University	.	.	.	3
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	4
Lipscomb University	0.2695	0.5577	0.5772	13
Martin Methodist College	.	.	.	4
Maryville College	.	.	.	1
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	2
Middle Tennessee State University	-1.0557 (-)	-1.8340	0.0670	9
Milligan College	.	.	.	4
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	1.5687 (+)	2.8567	0.0044	10
Teach for America – Nashville	0.3526	0.5808	0.5615	8
Teach Tennessee	.	.	.	0
Tennessee State University	.	.	.	2
Tennessee Technological University	-0.0977	-0.1779	0.8588	10
Tennessee Wesleyan College	0.0296	0.0392	0.9687	5
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	3
Trevecca Nazarene University	.	.	.	3

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice and Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: English II (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Tusculum College	.	.	.	2
Union University	.	.	.	3
University of Memphis	.	.	.	4
University of Tennessee - Chattanooga	-1.5945 (-)	-3.0285	0.0025	11
University of Tennessee - Knoxville	-0.0225	-0.0514	0.9590	17
University of Tennessee - Martin	0.4396	0.8005	0.4236	10
Vanderbilt University	.	.	.	2
Victory University	.	.	.	0
Welch College	.	.	.	0
Western Governors University Tennessee	.	.	.	0

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice and Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: English III (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	0.9194 (+)	1.9284	0.0541	7
Belmont University	.	.	.	0
Bethel University	.	.	.	2
Bryan College	.	.	.	1
Carson-Newman University	.	.	.	4
Christian Brothers University	.	.	.	0
Cumberland University	.	.	.	1
East Tennessee State University	-0.1786	-0.3967	0.6917	8
Fisk University	.	.	.	0
Freed-Hardeman University	.	.	.	0
Johnson University	.	.	.	0
King University	.	.	.	0
Lee University	.	.	.	3
Lemoyne-Owen College	.	.	.	0
Lincoln Memorial University	.	.	.	2
Lipscomb University	-0.1709	-0.2897	0.7721	5
Martin Methodist College	.	.	.	1
Maryville College	.	.	.	2
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	.	.	.	1
Middle Tennessee State University	-0.2001	-0.5255	0.5994	12
Milligan College	.	.	.	2
South College	.	.	.	0
Southern Adventist University	.	.	.	0
Teach for America – Memphis	0.109	0.2137	0.8308	6
Teach for America – Nashville	.	.	.	2
Teach Tennessee	.	.	.	0
Tennessee State University	.	.	.	1
Tennessee Technological University	-0.2972	-0.6233	0.5333	7
Tennessee Wesleyan College	.	.	.	1
TNTP - Memphis	.	.	.	0
TNTP - Nashville	.	.	.	3
Trevecca Nazarene University	.	.	.	3

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice and Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: English III (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Tusculum College	.	.	.	0
Union University	.	.	.	3
University of Memphis	.	.	.	4
University of Tennessee - Chattanooga	-0.5603	-1.0985	0.2723	6
University of Tennessee - Knoxville	-0.0305	-0.0745	0.9406	10
University of Tennessee - Martin	0.2383	0.5565	0.5780	9
Vanderbilt University	.	.	.	4
Victory University	.	.	.	0
Welch College	.	.	.	1
Western Governors University Tennessee	.	.	.	0

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice and Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Math (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	-0.7014	-1.4532	0.1462	41
Belmont University	1.7387 (+)	2.0797	0.0376	13
Bethel University	0.2071	0.1694	0.8655	6
Bryan College	.	.	.	4
Carson-Newman University	0.273	0.4305	0.6669	23
Christian Brothers University	0.4895	0.5396	0.5895	11
Cumberland University	1.2589	1.5058	0.1322	13
East Tennessee State University	-0.607	-1.3524	0.1763	48
Fisk University	.	.	.	0
Freed-Hardeman University	-0.0362	-0.0507	0.9596	18
Johnson University	-0.619	-0.6183	0.5364	9
King University	.	.	.	4
Lee University	0.4473	0.9674	0.3334	45
Lemoyne-Owen College	.	.	.	4
Lincoln Memorial University	-0.8202	-1.5353	0.1248	33
Lipscomb University	0.1657	0.4525	0.6509	76
Martin Methodist College	.	.	.	3
Maryville College	-1.7858	-1.3345	0.1821	5
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	2.3589 (+)	2.6002	0.0093	11
Middle Tennessee State University	-0.1995	-0.6889	0.4909	132
Milligan College	-1.0541	-1.0529	0.2924	9
South College	-0.6396	-0.7650	0.4443	13
Southern Adventist University	.	.	.	0
Teach for America – Memphis	0.2729	0.5842	0.5591	44
Teach for America – Nashville	0.488	0.9759	0.3291	38
Teach Tennessee	.	.	.	1
Tennessee State University	0.6984	1.2498	0.2114	30
Tennessee Technological University	-0.4438 (-)	-1.6841	0.0922	168
Tennessee Wesleyan College	0.689	0.8545	0.3929	14
TNTP - Memphis	.	.	.	0
TNTP - Nashville	1.3157 (+)	2.8165	0.0049	44
Trevecca Nazarene University	-0.8473	-1.4673	0.1423	28

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice and Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Math (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Tusculum College	-0.8495 (-)	-1.8927	0.0584	48
Union University	0.5956	1.1135	0.2655	33
University of Memphis	-0.2746	-0.8051	0.4208	89
University of Tennessee - Chattanooga	-0.4042	-0.6999	0.4840	28
University of Tennessee - Knoxville	-0.407	-0.9884	0.3230	58
University of Tennessee - Martin	-0.7121 (-)	-1.8198	0.0688	65
Vanderbilt University	0.7949	0.8762	0.3810	11
Victory University	.	.	.	2
Welch College	.	.	.	2
Western Governors University Tennessee	.	.	.	4

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice and Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Reading/Language (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	-0.3899 (-)	-1.6897	0.0911	39
Belmont University	0.7091 (+)	1.7474	0.0806	12
Bethel University	-0.1441	-0.3248	0.7454	10
Bryan College	-1.1679 (-)	-2.0465	0.0407	6
Carson-Newman University	-0.2251	-0.5768	0.5641	13
Christian Brothers University	0.3752	0.8456	0.3978	10
Cumberland University	0.2412	0.7240	0.4691	18
East Tennessee State University	0.031	0.1697	0.8653	65
Fisk University	.	.	.	0
Freed-Hardeman University	0.0621	0.1914	0.8483	19
Johnson University	-0.0212	-0.0429	0.9658	8
King University	-0.0209	-0.0395	0.9685	7
Lee University	-0.0915	-0.4407	0.6594	49
Lemoyne-Owen College	.	.	.	1
Lincoln Memorial University	0.1702	0.7107	0.4773	36
Lipscomb University	0.3945 (+)	2.4730	0.0134	90
Martin Methodist College	.	.	.	4
Maryville College	-0.3099	-0.4962	0.6198	5
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	0.4877	1.3400	0.1803	15
Middle Tennessee State University	-0.0854	-0.6437	0.5198	139
Milligan College	-1.1464 (-)	-2.0088	0.0446	6
South College	0.2885	0.6812	0.4958	11
Southern Adventist University	.	.	.	0
Teach for America – Memphis	0.2599	1.2277	0.2196	47
Teach for America – Nashville	0.6477 (+)	3.5185	0.0004	64
Teach Tennessee	.	.	.	0
Tennessee State University	0.0108	0.0421	0.9664	31
Tennessee Technological University	-0.056	-0.4401	0.6599	155
Tennessee Wesleyan College	0.0196	0.0521	0.9585	14
TNTP - Memphis	.	.	.	0
TNTP - Nashville	0.4384 (+)	1.9448	0.0518	41
Trevecca Nazarene University	0.0983	0.4778	0.6328	50

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice and Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Reading/Language (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Tusculum College	0.1434	0.7094	0.4781	52
Union University	0.1302	0.5279	0.5976	34
University of Memphis	0.0276	0.1829	0.8549	101
University of Tennessee - Chattanooga	-0.479 (-)	-1.9201	0.0549	33
University of Tennessee - Knoxville	0.2524	1.3993	0.1618	67
University of Tennessee - Martin	-0.4625 (-)	-2.4041	0.0162	58
Vanderbilt University	0.6063 (+)	1.9601	0.0500	21
Victory University	.	.	.	1
Welch College	.	.	.	1
Western Governors University Tennessee	0.1453	0.2748	0.7835	7

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Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice and Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Science (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	0.3245	0.5804	0.5616	34
Belmont University	-0.1065	-0.0892	0.9289	7
Bethel University	0.1208	0.1317	0.8953	12
Bryan College	.	.	.	4
Carson-Newman University	-0.2582	-0.2698	0.7873	11
Christian Brothers University	0.6562	0.4657	0.6414	5
Cumberland University	0.3407	0.2854	0.7753	7
East Tennessee State University	0.5503	1.1513	0.2497	48
Fisk University	.	.	.	0
Freed-Hardeman University	0.042	0.0526	0.9581	16
Johnson University	-0.622	-0.4415	0.6589	5
King University	.	.	.	2
Lee University	-0.9051	-1.5511	0.1209	31
Lemoyne-Owen College	.	.	.	2
Lincoln Memorial University	-0.1155	-0.1856	0.8527	27
Lipscomb University	1.1184 (+)	2.7851	0.0054	73
Martin Methodist College	-0.3515	-0.3144	0.7532	8
Maryville College	0.2178	0.1546	0.8771	5
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	2.1662	1.5375	0.1242	5
Middle Tennessee State University	-0.1593	-0.5061	0.6128	131
Milligan College	0.3057	0.3195	0.7494	11
South College	-0.6587	-0.7182	0.4727	12
Southern Adventist University	.	.	.	0
Teach for America – Memphis	1.2787 (+)	2.6749	0.0075	48
Teach for America – Nashville	2.6097 (+)	4.9122	0.0000	38
Teach Tennessee	-1.3167	-1.1031	0.2700	7
Tennessee State University	-0.8738	-1.5628	0.1181	34
Tennessee Technological University	-0.7046 (-)	-2.3127	0.0208	143
Tennessee Wesleyan College	-1.0306	-0.9766	0.3288	9
TNTP - Memphis	.	.	.	0
TNTP - Nashville	0.1103	0.1998	0.8416	35
Trevecca Nazarene University	-0.6734	-1.1006	0.2711	28

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice and Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: Science (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Tusculum College	-0.7167	-1.2283	0.2194	31
Union University	0.6519	0.8578	0.3910	18
University of Memphis	-0.1894	-0.4614	0.6445	68
University of Tennessee - Chattanooga	0.7071	1.1557	0.2479	28
University of Tennessee - Knoxville	-0.1605	-0.3449	0.7301	51
University of Tennessee - Martin	0.1278	0.2908	0.7712	58
Vanderbilt University	.	.	.	4
Victory University	.	.	.	1
Welch College	.	.	.	1
Western Governors University Tennessee	.	.	.	4

Notes

- . indicates an institution had fewer than 5 teachers.
- indicates a statistically significant negative difference from the reference population.
- + indicates a statistically significant positive relationship from the reference population.

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice and Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: TCAP Composite (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Aquinas College	.	.	.	0
Austin Peay State University	-0.8457 (-)	-2.0559	0.0398	84
Belmont University	1.8755 (+)	2.5744	0.0101	25
Bethel University	0.9143	1.0694	0.2849	18
Bryan College	-0.2123	-0.1559	0.8761	7
Carson-Newman University	0.3503	0.5732	0.5665	36
Christian Brothers University	-0.3951	-0.4622	0.6440	18
Cumberland University	0.9717	1.3338	0.1823	25
East Tennessee State University	0.1951	0.5412	0.5884	113
Fisk University	.	.	.	0
Freed-Hardeman University	-0.3135	-0.4849	0.6278	32
Johnson University	-1.6307	-1.5631	0.1181	12
King University	1.1565	1.0620	0.2882	11
Lee University	-0.6261	-1.4543	0.1459	76
Lemoyne-Owen College	.	.	.	4
Lincoln Memorial University	-0.1304	-0.2778	0.7812	63
Lipscomb University	1.2646 (+)	4.1348	0.0000	169
Martin Methodist College	0.0819	0.0717	0.9428	10
Maryville College	-1.2661	-1.0529	0.2924	9
Memphis College of Art	.	.	.	0
Memphis Teacher Residency	2.1196 (+)	2.9653	0.0030	26
Middle Tennessee State University	-0.266	-1.0255	0.3051	251
Milligan College	-1.3693	-1.6016	0.1093	18
South College	0.337	0.4150	0.6781	20
Southern Adventist University	.	.	.	0
Teach for America – Memphis	0.7393 (+)	1.9350	0.0530	99
Teach for America – Nashville	1.93 (+)	5.3757	0.0000	114
Teach Tennessee	-2.2065	-1.3711	0.1704	5
Tennessee State University	-0.2145	-0.3985	0.6903	47
Tennessee Technological University	-0.478 (-)	-1.9252	0.0542	282
Tennessee Wesleyan College	0.1246	0.1607	0.8723	22
TNTP - Memphis	.	.	.	0
TNTP - Nashville	1.2631 (+)	3.2147	0.0013	93
Trevecca Nazarene University	-0.5021	-1.0620	0.2883	62

Tennessee Higher Education Study

**Comparison of the 2014 - 2015 Mean T-Value of Teacher Effect Among Beginning Teachers*
for Apprentice and Transitional Licensed Teachers:
Mean by Institution Compared to the Mean of Means for All Institutions**

Subject: TCAP Composite (includes all grades)

***Beginning Teachers defined as having 1-3 years of experience from institutions with at least 5 teachers.**

Institution	Difference of Mean Teachers' T-Values from Mean of Means	T-Value of Difference	P-Value	Number of Teachers in Institution
Tusculum College	-0.7959 (-)	-1.9658	0.0493	87
Union University	1.4318 (+)	2.9941	0.0028	61
University of Memphis	-0.081	-0.2693	0.7877	173
University of Tennessee - Chattanooga	-0.4597	-1.0284	0.3038	70
University of Tennessee - Knoxville	0.018	0.0483	0.9614	105
University of Tennessee - Martin	-0.5668	-1.5967	0.1104	117
Vanderbilt University	1.3978 (+)	2.0616	0.0393	29
Victory University	.	.	.	3
Welch College	.	.	.	3
Western Governors University Tennessee	-1.6389	-1.4359	0.1511	10

Notes

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Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice and Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Algebra I (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Aquinas College	0
Austin Peay State University	3	37.5	0.1126	1	12.5	0.9934	8
Belmont University	3
Bethel University	1
Bryan College	1
Carson-Newman University	2	25.0	0.4062	3	37.5	0.1126	8
Christian Brothers University	1
Cumberland University	4
East Tennessee State University	3	23.1	0.5054	3	23.1	0.5054	13
Fisk University	0
Freed-Hardeman University	4
Johnson University	0
King University	1
Lee University	3
Lemoyne-Owen College	0
Lincoln Memorial University	2
Lipscomb University	4	17.4	0.9986	6	26.1	0.3197	23
Martin Methodist College	0
Maryville College	2
Memphis College of Art	0
Memphis Teacher Residency	1
Middle Tennessee State University	4	33.3	0.1451	2	16.7	0.8833	12
Milligan College	2
South College	0
Southern Adventist University	1
Teach for America – Memphis	5	31.3	0.1634	4	25.0	0.4035	16
Teach for America – Nashville	2	13.3	0.7960	6	40.0 (+)	0.0361	15
Teach Tennessee	3	27.3	0.3223	0	0.0	0.1718	11

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice and Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Algebra I (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Tennessee State University	2
Tennessee Technological University	4	30.8	0.1983	1	7.7	0.4673	13
Tennessee Wesleyan College	1	16.7	0.6893	1	16.7	0.6893	6
TNTP - Memphis	0
TNTP - Nashville	2	25.0	0.4062	4	50.0 (+)	0.0208	8
Trevecca Nazarene University	1
Tusculum College	2
Union University	1
University of Memphis	3	37.5	0.1126	1	12.5	0.9934	8
University of Tennessee - Chattanooga	0	0.0	0.2684	0	0.0	0.2684	9
University of Tennessee - Knoxville	3	11.1	0.3646	3	11.1	0.3646	27
University of Tennessee - Martin	3	27.3	0.3223	3	27.3	0.3223	11
Vanderbilt University	3	25.0	0.4109	1	8.3	0.5498	12
Victory University	0
Welch College	0
Western Governors University Tennessee	2

Notes

. indicates an institution had fewer than 5 teachers.

- indicates a statistically significant negative difference from the reference population.

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Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice and Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Algebra II (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Aquinas College	0
Austin Peay State University	2
Belmont University	2
Bethel University	1
Bryan College	0
Carson-Newman University	2
Christian Brothers University	1
Cumberland University	0
East Tennessee State University	3
Fisk University	0
Freed-Hardeman University	1
Johnson University	0
King University	0
Lee University	1
Lemoyne-Owen College	0
Lincoln Memorial University	2
Lipscomb University	4
Martin Methodist College	0
Maryville College	0
Memphis College of Art	0
Memphis Teacher Residency	2
Middle Tennessee State University	3	27.3	0.3223	1	9.1	0.6442	11
Milligan College	0
South College	0
Southern Adventist University	0
Teach for America – Memphis	3	33.3	0.1713	2	22.2	0.5236	9
Teach for America – Nashville	3
Teach Tennessee	2	25.0	0.4062	0	0.0	0.3355	8

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice and Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Algebra II (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Tennessee State University	1
Tennessee Technological University	2	40.0	0.1158	2	40.0	0.1158	5
Tennessee Wesleyan College	3
TNTP - Memphis	0
TNTP - Nashville	2	28.6	0.2961	1	14.3	0.8466	7
Trevecca Nazarene University	0
Tusculum College	2
Union University	3
University of Memphis	1	16.7	0.6893	2	33.3	0.1978	6
University of Tennessee - Chattanooga	1	11.1	0.8724	2	22.2	0.5236	9
University of Tennessee - Knoxville	2	18.2	0.7652	0	0.0	0.1718	11
University of Tennessee - Martin	3
Vanderbilt University	3	42.9 (-)	0.0667	0	0.0	0.4194	7
Victory University	0
Welch College	0
Western Governors University Tennessee	0

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Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice and Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Biology I (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Aquinas College	0
Austin Peay State University	1	12.5	0.9934	2	25.0	0.4062	8
Belmont University	2
Bethel University	2
Bryan College	1
Carson-Newman University	0	0.0	0.6554	0	0.0	0.6554	5
Christian Brothers University	0
Cumberland University	1
East Tennessee State University	0	0.0	0.4194	2	28.6	0.2961	7
Fisk University	0
Freed-Hardeman University	1
Johnson University	0
King University	1
Lee University	1
Lemoyne-Owen College	0
Lincoln Memorial University	2
Lipscomb University	1	10.0	0.7516	4	40.0 (+)	0.0656	10
Martin Methodist College	1
Maryville College	1
Memphis College of Art	0
Memphis Teacher Residency	2
Middle Tennessee State University	3	33.3	0.1713	1	11.1	0.8724	9
Milligan College	0
South College	0
Southern Adventist University	0
Teach for America – Memphis	3	42.9 (-)	0.0667	3	42.9 (+)	0.0667	7
Teach for America – Nashville	1	16.7	0.6893	2	33.3	0.1978	6
Teach Tennessee	4	33.3	0.1451	3	25.0	0.4109	12

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice and Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Biology I (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Tennessee State University	1
Tennessee Technological University	3	21.4	0.6036	2	14.3	0.8961	14
Tennessee Wesleyan College	1
TNTP - Memphis	0
TNTP - Nashville	0	0.0	0.6554	3	60.0 (+)	0.0134	5
Trevecca Nazarene University	2
Tusculum College	0
Union University	1	20.0	0.5254	2	40.0	0.1158	5
University of Memphis	3
University of Tennessee - Chattanooga	2
University of Tennessee - Knoxville	2	40.0	0.1158	1	20.0	0.5254	5
University of Tennessee - Martin	2	28.6	0.2961	0	0.0	0.4194	7
Vanderbilt University	0
Victory University	0
Welch College	0
Western Governors University Tennessee	1

Notes

. indicates an institution had fewer than 5 teachers.

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Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice and Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Chemistry (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Aquinas College	0
Austin Peay State University	0	0.0	0.4194	3	42.9 (+)	0.0667	7
Belmont University	2
Bethel University	1
Bryan College	0
Carson-Newman University	4
Christian Brothers University	1
Cumberland University	1
East Tennessee State University	4
Fisk University	0
Freed-Hardeman University	2
Johnson University	0
King University	3
Lee University	4
Lemoyne-Owen College	0
Lincoln Memorial University	1
Lipscomb University	1	9.1	0.6442	3	27.3	0.3223	11
Martin Methodist College	2
Maryville College	0
Memphis College of Art	0
Memphis Teacher Residency	0
Middle Tennessee State University	1	14.3	0.8466	2	28.6	0.2961	7
Milligan College	2
South College	0
Southern Adventist University	0
Teach for America – Memphis	0	0.0	0.6554	0	0.0	0.6554	5
Teach for America – Nashville	1	11.1	0.8724	3	33.3	0.1713	9
Teach Tennessee	2	15.4	0.9967	5	38.5 (+)	0.0601	13

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice and Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Chemistry (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Tennessee State University	0
Tennessee Technological University	5	41.7 (-)	0.0388	0	0.0	0.1374	12
Tennessee Wesleyan College	1
TNTP - Memphis	0
TNTP - Nashville	2
Trevecca Nazarene University	0
Tusculum College	1
Union University	2
University of Memphis	1	16.7	0.6893	1	16.7	0.6893	6
University of Tennessee - Chattanooga	4	50.0 (-)	0.0208	0	0.0	0.3355	8
University of Tennessee - Knoxville	1	8.3	0.5498	2	16.7	0.8833	12
University of Tennessee - Martin	1	14.3	0.8466	4	57.1 (+)	0.0093	7
Vanderbilt University	2
Victory University	1
Welch College	0
Western Governors University Tennessee	0

Notes

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Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice and Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: EOC Composite (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Aquinas College	1
Austin Peay State University	5	12.8	0.3600	7	18.0	0.9367	39
Belmont University	4	30.8	0.1983	1	7.7	0.4673	13
Bethel University	0	0.0	0.4194	1	14.3	0.8466	7
Bryan College	4
Carson-Newman University	9	32.1 (-)	0.0781	5	17.9	0.9989	28
Christian Brothers University	4
Cumberland University	4	36.4	0.1008	1	9.1	0.6442	11
East Tennessee State University	9	19.2	0.9416	8	17.0	0.7686	47
Fisk University	0
Freed-Hardeman University	3	33.3	0.1713	1	11.1	0.8724	9
Johnson University	2
King University	3	33.3	0.1713	1	11.1	0.8724	9
Lee University	5	29.4	0.2114	1	5.9	0.2364	17
Lemoyne-Owen College	0
Lincoln Memorial University	6	46.2 (-)	0.0140	1	7.7	0.4673	13
Lipscomb University	14	20.0	0.8582	14	20.0	0.8582	70
Martin Methodist College	1	14.3	0.8466	1	14.3	0.8466	7
Maryville College	1	16.7	0.6893	1	16.7	0.6893	6
Memphis College of Art	0
Memphis Teacher Residency	0	0.0	0.2147	4	40.0 (+)	0.0656	10
Middle Tennessee State University	16	23.2	0.4104	6	8.7 (-)	0.0183	69
Milligan College	3	30.0	0.2417	0	0.0	0.2147	10
South College	0
Southern Adventist University	1
Teach for America – Memphis	14	25.5	0.2419	12	21.8	0.5959	55
Teach for America – Nashville	10	22.2	0.5591	12	26.7	0.1989	45
Teach Tennessee	12	30.0 (-)	0.0865	11	27.5	0.1750	40

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice and Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: EOC Composite (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Tennessee State University	1	12.5	0.9934	1	12.5	0.9934	8
Tennessee Technological University	17	27.0	0.1314	7	11.1 (-)	0.0946	63
Tennessee Wesleyan College	1	5.6	0.1982	4	22.2	0.5673	18
TNTP - Memphis	0
TNTP - Nashville	4	13.8	0.5679	10	34.5 (+)	0.0394	29
Trevecca Nazarene University	4	36.4	0.1008	1	9.1	0.6442	11
Tusculum College	4	66.7 (-)	0.0032	1	16.7	0.6893	6
Union University	2	10.5	0.4738	4	21.1	0.6534	19
University of Memphis	8	25.8	0.3015	6	19.4	0.8578	31
University of Tennessee - Chattanooga	17	37.0 (-)	0.0044	3	6.5 (-)	0.0219	46
University of Tennessee - Knoxville	13	16.1	0.4608	15	18.5	0.8673	81
University of Tennessee - Martin	11	22.0	0.5787	6	12.0	0.2068	50
Vanderbilt University	9	28.1	0.1797	2	6.3 (-)	0.0634	32
Victory University	1
Welch College	2
Western Governors University Tennessee	3

Notes

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Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice and Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: English I (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Aquinas College	1
Austin Peay State University	0	0.0	0.5243	1	16.7	0.6893	6
Belmont University	1
Bethel University	0
Bryan College	2
Carson-Newman University	3
Christian Brothers University	0
Cumberland University	3
East Tennessee State University	5	41.7 (-)	0.0388	1	8.3	0.5498	12
Fisk University	0
Freed-Hardeman University	2
Johnson University	2
King University	2
Lee University	1	20.0	0.5254	1	20.0	0.5254	5
Lemoyne-Owen College	0
Lincoln Memorial University	2
Lipscomb University	3	23.1	0.5054	4	30.8	0.1983	13
Martin Methodist College	2
Maryville College	1
Memphis College of Art	0
Memphis Teacher Residency	2
Middle Tennessee State University	2	10.5	0.4738	3	15.8	0.9102	19
Milligan College	1
South College	0
Southern Adventist University	0
Teach for America – Memphis	1	14.3	0.8466	4	57.1 (+)	0.0093	7
Teach for America – Nashville	3	50.0 (-)	0.0339	3	50.0 (+)	0.0339	6
Teach Tennessee	0

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice and Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: English I (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Tennessee State University	3
Tennessee Technological University	3	27.3	0.3223	1	9.1	0.6442	11
Tennessee Wesleyan College	0	0.0	0.6554	1	20.0	0.5254	5
TNTP - Memphis	0
TNTP - Nashville	2
Trevecca Nazarene University	2	40.0	0.1158	0	0.0	0.6554	5
Tusculum College	0
Union University	3
University of Memphis	1	20.0	0.5254	2	40.0	0.1158	5
University of Tennessee - Chattanooga	3	37.5	0.1126	0	0.0	0.3355	8
University of Tennessee - Knoxville	3	18.8	0.8037	3	18.8	0.8037	16
University of Tennessee - Martin	2	20.0	0.6444	3	30.0	0.2417	10
Vanderbilt University	1	12.5	0.9934	2	25.0	0.4062	8
Victory University	0
Welch College	1
Western Governors University Tennessee	0

Notes

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Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice and Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: English II (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Aquinas College	0
Austin Peay State University	0	0.0	0.4194	1	14.3	0.8466	7
Belmont University	3
Bethel University	1
Bryan College	0
Carson-Newman University	2	33.3	0.1978	1	16.7	0.6893	6
Christian Brothers University	1
Cumberland University	2
East Tennessee State University	2	22.2	0.5236	2	22.2	0.5236	9
Fisk University	0
Freed-Hardeman University	1
Johnson University	0
King University	3
Lee University	3
Lemoyne-Owen College	0
Lincoln Memorial University	4
Lipscomb University	3	23.1	0.5054	2	15.4	0.9967	13
Martin Methodist College	4
Maryville College	1
Memphis College of Art	0
Memphis Teacher Residency	2
Middle Tennessee State University	4	44.4 (-)	0.0392	0	0.0	0.2684	9
Milligan College	4
South College	0
Southern Adventist University	0
Teach for America – Memphis	0	0.0	0.2147	5	50.0 (+)	0.0127	10
Teach for America – Nashville	3	37.5	0.1126	2	25.0	0.4062	8
Teach Tennessee	0

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice and Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: English II (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Tennessee State University	2
Tennessee Technological University	2	20.0	0.6444	2	20.0	0.6444	10
Tennessee Wesleyan College	0	0.0	0.6554	0	0.0	0.6554	5
TNTP - Memphis	0
TNTP - Nashville	3
Trevecca Nazarene University	3
Tusculum College	2
Union University	3
University of Memphis	4
University of Tennessee - Chattanooga	7	63.6 (-)	0.0005	0	0.0	0.1718	11
University of Tennessee - Knoxville	3	17.7	0.9022	1	5.9	0.2364	17
University of Tennessee - Martin	4	40.0 (-)	0.0656	4	40.0 (+)	0.0656	10
Vanderbilt University	2
Victory University	0
Welch College	0
Western Governors University Tennessee	0

Notes

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Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice and Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: English III (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Aquinas College	0
Austin Peay State University	0	0.0	0.4194	3	42.9 (+)	0.0667	7
Belmont University	0
Bethel University	2
Bryan College	1
Carson-Newman University	4
Christian Brothers University	0
Cumberland University	1
East Tennessee State University	3	37.5	0.1126	1	12.5	0.9934	8
Fisk University	0
Freed-Hardeman University	0
Johnson University	0
King University	0
Lee University	3
Lemoyne-Owen College	0
Lincoln Memorial University	2
Lipscomb University	1	20.0	0.5254	2	40.0	0.1158	5
Martin Methodist College	1
Maryville College	2
Memphis College of Art	0
Memphis Teacher Residency	1
Middle Tennessee State University	2	16.7	0.8833	1	8.3	0.5498	12
Milligan College	2
South College	0
Southern Adventist University	0
Teach for America – Memphis	2	33.3	0.1978	2	33.3	0.1978	6
Teach for America – Nashville	2
Teach Tennessee	0

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice and Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: English III (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Tennessee State University	1
Tennessee Technological University	2	28.6	0.2961	2	28.6	0.2961	7
Tennessee Wesleyan College	1
TNTP - Memphis	0
TNTP - Nashville	3
Trevecca Nazarene University	3
Tusculum College	0
Union University	3
University of Memphis	4
University of Tennessee - Chattanooga	1	16.7	0.6893	0	0.0	0.5243	6
University of Tennessee - Knoxville	3	30.0	0.2417	2	20.0	0.6444	10
University of Tennessee - Martin	1	11.1	0.8724	3	33.3	0.1713	9
Vanderbilt University	4
Victory University	0
Welch College	1
Western Governors University Tennessee	0

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Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice and Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Math (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Aquinas College	0
Austin Peay State University	11	26.8	0.2043	5	12.2	0.2885	41
Belmont University	4	30.8	0.1983	6	46.2 (+)	0.0140	13
Bethel University	1	16.7	0.6893	0	0.0	0.5243	6
Bryan College	4
Carson-Newman University	5	21.7	0.6106	5	21.7	0.6106	23
Christian Brothers University	0	0.0	0.1718	1	9.1	0.6442	11
Cumberland University	1	7.7	0.4673	1	7.7	0.4673	13
East Tennessee State University	11	22.9	0.4810	6	12.5	0.2579	48
Fisk University	0
Freed-Hardeman University	4	22.2	0.5673	3	16.7	0.9979	18
Johnson University	2	22.2	0.5236	1	11.1	0.8724	9
King University	4
Lee University	9	20.0	0.8241	10	22.2	0.5591	45
Lemoyne-Owen College	4
Lincoln Memorial University	13	39.4 (-)	0.0055	4	12.1	0.3643	33
Lipscomb University	21	27.6 (-)	0.0794	15	19.7	0.9088	76
Martin Methodist College	3
Maryville College	2	40.0	0.1158	0	0.0	0.6554	5
Memphis College of Art	0
Memphis Teacher Residency	1	9.1	0.6442	5	45.5 (+)	0.0233	11
Middle Tennessee State University	35	26.5 (-)	0.0540	20	15.2	0.1934	132
Milligan College	4	44.4 (-)	0.0392	1	11.1	0.8724	9
South College	1	7.7	0.4673	1	7.7	0.4673	13
Southern Adventist University	0
Teach for America – Memphis	9	20.5	0.7652	10	22.7	0.5075	44
Teach for America – Nashville	10	26.3	0.2438	9	23.7	0.4311	38
Teach Tennessee	1

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice and Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Math (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Tennessee State University	3	10.0	0.2454	8	26.7	0.2573	30
Tennessee Technological University	42	25.0 (-)	0.0922	29	17.3	0.4333	168
Tennessee Wesleyan College	0	0.0 (+)	0.0880	2	14.3	0.8961	14
TNTP - Memphis	0
TNTP - Nashville	5	11.4	0.2035	12	27.3	0.1715	44
Trevecca Nazarene University	7	25.0	0.3635	4	14.3	0.6298	28
Tusculum College	15	31.3 (-)	0.0421	7	14.6	0.4583	48
Union University	6	18.2	0.9992	9	27.3	0.2136	33
University of Memphis	15	16.9	0.5537	12	13.5	0.1509	89
University of Tennessee - Chattanooga	9	32.1 (-)	0.0781	5	17.9	0.9989	28
University of Tennessee - Knoxville	10	17.2	0.7404	7	12.1	0.1675	58
University of Tennessee - Martin	17	26.2	0.1701	8	12.3	0.1519	65
Vanderbilt University	2	18.2	0.7652	4	36.4	0.1008	11
Victory University	2
Welch College	2
Western Governors University Tennessee	4

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Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice and Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Reading/Language (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Aquinas College	0
Austin Peay State University	13	33.3 (-)	0.0308	7	18.0	0.9367	39
Belmont University	1	8.3	0.5498	4	33.3	0.1451	12
Bethel University	2	20.0	0.6444	1	10.0	0.7516	10
Bryan College	4	66.7 (-)	0.0032	0	0.0	0.5243	6
Carson-Newman University	4	30.8	0.1983	1	7.7	0.4673	13
Christian Brothers University	1	10.0	0.7516	2	20.0	0.6444	10
Cumberland University	4	22.2	0.5673	5	27.8	0.2658	18
East Tennessee State University	19	29.2 (-)	0.0523	13	20.0	0.8530	65
Fisk University	0
Freed-Hardeman University	4	21.1	0.6534	3	15.8	0.9102	19
Johnson University	2	25.0	0.4062	1	12.5	0.9934	8
King University	2	28.6	0.2961	3	42.9 (+)	0.0667	7
Lee University	13	26.5	0.1932	9	18.4	0.9434	49
Lemoyne-Owen College	1
Lincoln Memorial University	4	11.1	0.2538	6	16.7	0.8014	36
Lipscomb University	17	18.9	0.9160	22	24.4	0.2390	90
Martin Methodist College	4
Maryville College	1	20.0	0.5254	0	0.0	0.6554	5
Memphis College of Art	0
Memphis Teacher Residency	2	13.3	0.7960	5	33.3	0.1221	15
Middle Tennessee State University	40	28.8 (-)	0.0097	21	15.1	0.1752	139
Milligan College	3	50.0 (-)	0.0339	1	16.7	0.6893	6
South College	3	27.3	0.3223	3	27.3	0.3223	11
Southern Adventist University	0
Teach for America – Memphis	11	23.4	0.4347	8	17.0	0.7686	47
Teach for America – Nashville	11	17.2	0.7046	20	31.3 (+)	0.0219	64
Teach Tennessee	0

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice and Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Reading/Language (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Tennessee State University	4	12.9	0.4575	3	9.7	0.2140	31
Tennessee Technological University	33	21.3	0.6053	22	14.2 (-)	0.0797	155
Tennessee Wesleyan College	3	21.4	0.6036	2	14.3	0.8961	14
TNTP - Memphis	0
TNTP - Nashville	7	17.1	0.8138	10	24.4	0.3645	41
Trevecca Nazarene University	9	18.0	0.8875	7	14.0	0.3808	50
Tusculum College	13	25.0	0.2838	9	17.3	0.7799	52
Union University	7	20.6	0.7347	8	23.5	0.4538	34
University of Memphis	23	22.8	0.4070	14	13.9	0.1475	101
University of Tennessee - Chattanooga	10	30.3	0.1017	3	9.1	0.1616	33
University of Tennessee - Knoxville	19	28.4 (-)	0.0714	18	26.9	0.1279	67
University of Tennessee - Martin	18	31.0 (-)	0.0306	1	1.7 (-)	0.0001	58
Vanderbilt University	3	14.3	0.7408	6	28.6	0.2170	21
Victory University	1
Welch College	1
Western Governors University Tennessee	1	14.3	0.8466	1	14.3	0.8466	7

Notes

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Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice and Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Science (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Aquinas College	0
Austin Peay State University	6	17.7	0.9323	8	23.5	0.4538	34
Belmont University	2	28.6	0.2961	1	14.3	0.8466	7
Bethel University	4	33.3	0.1451	4	33.3	0.1451	12
Bryan College	4
Carson-Newman University	2	18.2	0.7652	3	27.3	0.3223	11
Christian Brothers University	0	0.0	0.6554	0	0.0	0.6554	5
Cumberland University	2	28.6	0.2961	2	28.6	0.2961	7
East Tennessee State University	4	8.3 (+)	0.0497	8	16.7	0.7151	48
Fisk University	0
Freed-Hardeman University	0	0.0 (+)	0.0563	2	12.5	0.7037	16
Johnson University	2	40.0	0.1158	1	20.0	0.5254	5
King University	2
Lee University	9	29.0	0.1492	5	16.1	0.7861	31
Lemoyne-Owen College	2
Lincoln Memorial University	7	25.9	0.3111	5	18.5	0.9227	27
Lipscomb University	14	19.2	0.9997	18	24.7	0.2565	73
Martin Methodist College	1	12.5	0.9934	1	12.5	0.9934	8
Maryville College	1	20.0	0.5254	1	20.0	0.5254	5
Memphis College of Art	0
Memphis Teacher Residency	1	20.0	0.5254	2	40.0	0.1158	5
Middle Tennessee State University	26	19.9	0.9304	22	16.8	0.4234	131
Milligan College	0	0.0	0.1718	2	18.2	0.7652	11
South College	3	25.0	0.4109	1	8.3	0.5498	12
Southern Adventist University	0
Teach for America – Memphis	5	10.4	0.1243	12	25.0	0.2958	48
Teach for America – Nashville	4	10.5	0.1971	14	36.8 (+)	0.0091	38
Teach Tennessee	2	28.6	0.2961	0	0.0	0.4194	7

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice and Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: Science (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Tennessee State University	7	20.6	0.7347	4	11.8	0.3237	34
Tennessee Technological University	34	23.8	0.2208	21	14.7	0.1300	143
Tennessee Wesleyan College	3	33.3	0.1713	0	0.0	0.2684	9
TNTP - Memphis	0
TNTP - Nashville	7	20.0	0.8013	7	20.0	0.8013	35
Trevecca Nazarene University	5	17.9	0.9989	3	10.7	0.3204	28
Tusculum College	6	19.4	0.8578	3	9.7	0.2140	31
Union University	3	16.7	0.9979	4	22.2	0.5673	18
University of Memphis	14	20.6	0.7636	14	20.6	0.7636	68
University of Tennessee - Chattanooga	3	10.7	0.3204	6	21.4	0.6431	28
University of Tennessee - Knoxville	14	27.5	0.1414	11	21.6	0.6295	51
University of Tennessee - Martin	13	22.4	0.5199	14	24.1	0.3389	58
Vanderbilt University	4
Victory University	1
Welch College	1
Western Governors University Tennessee	4

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Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice and Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: TCAP Composite (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Aquinas College	0
Austin Peay State University	27	32.1 (-)	0.0057	8	9.5 (-)	0.0156	84
Belmont University	3	12.0	0.4680	8	32.0 (+)	0.0935	25
Bethel University	5	27.8	0.2658	3	16.7	0.9979	18
Bryan College	2	28.6	0.2961	2	28.6	0.2961	7
Carson-Newman University	9	25.0	0.3352	5	13.9	0.4927	36
Christian Brothers University	2	11.1	0.5427	0	0.0 (-)	0.0360	18
Cumberland University	3	12.0	0.4680	6	24.0	0.4399	25
East Tennessee State University	21	18.6	0.8132	19	16.8	0.4729	113
Fisk University	0
Freed-Hardeman University	7	21.9	0.6035	1	3.1 (-)	0.0143	32
Johnson University	4	33.3	0.1451	0	0.0	0.1374	12
King University	2	18.2	0.7652	3	27.3	0.3223	11
Lee University	19	25.0	0.2220	5	6.6 (-)	0.0021	76
Lemoyne-Owen College	4
Lincoln Memorial University	14	22.2	0.5363	7	11.1 (-)	0.0946	63
Lipscomb University	30	17.8	0.5334	35	20.7	0.7309	169
Martin Methodist College	1	10.0	0.7516	0	0.0	0.2147	10
Maryville College	5	55.6 (-)	0.0061	1	11.1	0.8724	9
Memphis College of Art	0
Memphis Teacher Residency	4	15.4	0.7667	7	26.9	0.2626	26
Middle Tennessee State University	59	23.5	0.1467	23	9.2 (-)	0.0000	251
Milligan College	6	33.3	0.1025	1	5.6	0.1982	18
South College	5	25.0	0.3916	3	15.0	0.8229	20
Southern Adventist University	0
Teach for America – Memphis	16	16.2	0.4115	13	13.1	0.1032	99
Teach for America – Nashville	18	15.8	0.3135	29	25.4	0.1236	114
Teach Tennessee	2	40.0	0.1158	0	0.0	0.6554	5

Tennessee Higher Education Study

Number and Percentage of Beginning Teachers* by Institution in Upper and Lower Quintiles for Apprentice and Transitional Licensed Teachers

Quintiles are based on the 2014 – 2015 State Distribution of Teacher T-Values of Effects

Subject: TCAP Composite (includes all grades)

*Beginning Teachers defined as having 1-3 years of experience

Institution	Number Below 20 th %tile	Percentage Below 20 th %tile	P-Value Below 20 th %tile	Number Above 80 th %tile	Percentage Above 80 th %tile	P-Value Above 80 th %tile	Number of Teachers in Institution
Tennessee State University	5	10.6	0.1410	3	6.4 (-)	0.0186	47
Tennessee Technological University	68	24.1 (-)	0.0765	37	13.1 (-)	0.0033	282
Tennessee Wesleyan College	2	9.1	0.3090	2	9.1	0.3090	22
TNTP - Memphis	0
TNTP - Nashville	15	16.1	0.4270	23	24.7	0.2086	93
Trevecca Nazarene University	14	22.6	0.4938	4	6.5 (-)	0.0057	62
Tusculum College	23	26.4	0.1100	7	8.1 (-)	0.0039	87
Union University	12	19.7	0.8982	13	21.3	0.6583	61
University of Memphis	35	20.2	0.8497	18	10.4 (-)	0.0011	173
University of Tennessee - Chattanooga	19	27.1	0.1091	6	8.6 (-)	0.0159	70
University of Tennessee - Knoxville	19	18.1	0.7307	13	12.4 (-)	0.0573	105
University of Tennessee - Martin	35	29.9 (-)	0.0076	15	12.8 (-)	0.0584	117
Vanderbilt University	1	3.5 (+)	0.0255	5	17.2	0.9268	29
Victory University	3
Welch College	3
Western Governors University Tennessee	4	40.0 (-)	0.0656	0	0.0	0.2147	10

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